

- 37105_at Cluster Incl. M16117:Human cathepsin G mRNA, complete cds /cds=(8,775)
 37122_at Cluster Incl. AB005293:Homo sapiens mRNA for perilipin, complete cds /c
 40657_r_at Cluster Incl. H15814:y128b07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 40658_r_at Cluster Incl. D45371:Human apM1 mRNA for GS3109 (novel adipose specif
5 41385_at Cluster Incl. AB023204:Homo sapiens mRNA for KIAA0987 protein, partial
 35730_at Cluster Incl. X03350:Human mRNA for alcohol dehydrogenase beta-1-subuni
 38326_at Cluster Incl. M69199:Human G0S2 protein gene, complete cds /cds=(160,47
 41209_at Cluster Incl. M15856:Human lipoprotein lipase mRNA, complete cds /cds=U
 33902_at Cluster Incl. L34041:Homo sapiens L-glycerol-3-phosphate-NAD oxidoreduc
10 38430_at Cluster Incl. AA128249:z129d09.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 40282_s_at Cluster Incl. M84526:Human adipsin/complement factor D mRNA, complete
 32542_at Cluster Incl. AF063002:Homo sapiens LIM protein SLIMMER mRNA, complete
 32552_at Cluster Incl. X00129:Human mRNA for retinol binding protein (RBP) /cds=

15 METAGENE 119 :

- 33987_at Cluster Incl. M36340:Human ADP-ribosylation factor 1 (ARF1) mRNA, compl
 34902_at Cluster Incl. AB007961:Homo sapiens mRNA, chromosome 1 specific transcr
 40032_at Cluster Incl. D50923:Human mRNA for KIAA0133 gene, complete cds /cds=(1
20 35695_at Cluster Incl. U67615:Human beige protein homolog (chs) mRNA, complete c

METAGENE 120 :

- 36413_at Cluster Incl. Z82200:Human DNA sequence from clone 333E23 on chromosome
25 40941_at Cluster Incl. W27026:19d10 Homo sapiens cDNA /gb=W27026 /gi=1306398 /ug
 32550_r_at Cluster Incl. Y11525:H.sapiens mRNA for CCAAT/enhancer binding protei
 1056_s_at M90391 /FEATURE= /DEFINITION=HUMCHEMA Homo sapiens putative IL-16
 prot

30 METAGENE 121 :

- 36423_at Cluster Incl. W47047:zc38g10.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 39947_at Cluster Incl. AJ006352:Homo sapiens mRNA for ephrin-A4 protein, membran
 41709_at Cluster Incl. AF034803:Homo sapiens liprin-beta2 mRNA, partial cds /cds
35 33292_at Cluster Incl. AL008583:dJ327J16.1 (human ortholog of mouse outer arm Dy
 33753_at Cluster Incl. AB014566:Homo sapiens mRNA for KIAA0666 protein, partial
 40866_at Cluster Incl. AJ001258:Homo sapiens mRNA for NIPSNAP1 protein /cds=(254
 33883_at Cluster Incl. AB001466:Homo sapiens mRNA for Efs1, complete cds /cds=(6
 38754_at Cluster Incl. AI557295:PT2.1_16_D02.r Homo sapiens cDNA, 3 end /clone_

METAGENE 122 :

- 34460_at Cluster Incl. AB014512:Homo sapiens mRNA for KIAA0612 protein, partial
5 32628_at Cluster Incl. D28118:Human mRNA for DB1, complete cds /cds=(41,1591) /g
 40075_at Cluster Incl. M55047:Human synaptotagmin mRNA, complete cds /cds=(27,12
 35294_at Cluster Incl. M25077:Human SS-A/Ro ribonucleoprotein autoantigen 60 kd
 35295_g_at Cluster Incl. M25077:Human SS-A/Ro ribonucleoprotein autoantigen 60 k
 36209_at Cluster Incl. S78771:NAT=CpG island-associated gene [human, mRNA, 1741
10 40215_at Cluster Incl. D50840:Homo sapiens mRNA for ceramide glucosyltransferase
 1801_at U76638 /FEATURE= /DEFINITION=HSU76638 Human BRCA1-associated RING domain
 350_at D28118 /FEATURE= /DEFINITION=HUMDB1 Human mRNA for DB1, complete cds

METAGENE 123 :

- 15**
 31692_at Cluster Incl. M59830:Human MHC class III HSP70-2 gene (HLA), complete c
 34181_at Cluster Incl. X55330:H.sapiens mRNA for aspartylglucosaminidase /cds=(1
 38252_s_at Cluster Incl. U84007:Human glycogen debranching enzyme isoform 1 (AGL
 38253_at Cluster Incl. U84011:Human glycogen debranching enzyme isoform 6 (AGL)
20 37681_i_at Cluster Incl. AB018266:Homo sapiens mRNA for KIAA0723 protein, comple
 1104_s_at M11717 /FEATURE=mRNA /DEFINITION=HUMHSP70D Human heat shock
 protein (h

METAGENE 124 :

- 25**
 35132_at Cluster Incl. X98411:H.sapiens mRNA for myosin-IE /cds=(0,2348) /gb=X98
 33569_at Cluster Incl. D50532:Homo sapiens mRNA for macrophage lectin 2, complet
 37100_at Cluster Incl. AJ008112:Homo sapiens mRNA for C17orf1 protein /cds=(39,1
 41404_at Cluster Incl. AJ010119:Homo sapiens mRNA for Ribosomal protein kinase B
30 32035_at Cluster Incl. M16942:Human MHC class II HLA-DRw53-associated glycoprote
 33261_at Cluster Incl. M16941:Human MHC class II HLA-DR7-associated glycoprotein
 34670_at Cluster Incl. U60899:Human lysosomal alpha-mannosidase (manB) gene /cds
 36879_at Cluster Incl. M63193:Human platelet-derived endothelial cell growth fac
 36902_at Cluster Incl. X61587:H.sapiens rhoG mRNA for GTPase /cds=(129,704) /gb=
35 37967_at Cluster Incl. AF000424:Homo sapiens LST1 mRNA, cLST1/C splice variant,
 38276_at Cluster Incl. U91616:Human I kappa B epsilon (IkBe) mRNA, complete cds
 39728_at Cluster Incl. J03909:Human gamma-interferon-inducible protein (IP-30) m
 41168_at Cluster Incl. AF029750:Homo sapiens tapasin (NGS-17) mRNA, complete cds
 41734_at Cluster Incl. AB020677:Homo sapiens mRNA for KIAA0870 protein, complete

32773_at Cluster Incl. AA868382:ak41e04.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 35807_at Cluster Incl. M21186:Human neutrophil cytochrome b light chain p22 phag
 39119_s_at Cluster Incl. AA631972:fmfc39 Homo sapiens cDNA /clone=CR7-5 /gb=AA63
 1665_s_at Endothelial Cell Growth Factor 1

- 5** 982_at X74795 /FEATURE=cds /DEFINITION=HSP1CDC46 H.sapiens P1-Cdc46 mRNA
 794_at X62055 /FEATURE=cds /DEFINITION=HSPTP1C H.sapiens PTP1C mRNA for protein-
 766_at AB006782 /FEATURE= /DEFINITION=AB006782 Homo sapiens mRNA for galectin-9
 544_at S76638 /FEATURE= /DEFINITION=S76638 p50-NF-kappa B homolog [human, periph
 384_at X71874 /FEATURE=cds#1 /DEFINITION=HSPROSCHY H.sapiens genes for proteasom

10

METAGENE 125 :

36703_at Cluster Incl. U86358:Human chemokine (TECK) mRNA, complete cds /cds=(0,
 594_s_at M55265 /FEATURE=mRNA /DEFINITION=HUMACKII Human casein kinase II
15 alpha

METAGENE 126 :

- 20** 38870_at Cluster Incl. U97145:Homo sapiens RET ligand 2 (RETL2) mRNA, complete c
 38113_at Cluster Incl. AB018339:Homo sapiens mRNA for KIAA0796 protein, partial

METAGENE 127 :

- 25** 32025_at Cluster Incl. Y11306:Homo sapiens mRNA for hTCF-4 /cds=(307,2097) /gb=Y
 39730_at Cluster Incl. X16416:Human c-abl mRNA encoding p150 protein /cds=(147,3
 1635_at U07563 /FEATURE=Poly_A_Site#1 /DEFINITION=HSABLGR3 Human proto-oncogene

METAGENE 128 :

- 30** 34596_at Cluster Incl. M73628:Homo sapiens kappa-casein mRNA, complete cds /cds=
 33751_at Cluster Incl. AL109702:Homo sapiens mRNA full length insert cDNA clone
 40444_s_at Cluster Incl. AB002382:Human mRNA for KIAA0384 gene, complete cds /cd
 2034_s_at U10906 /FEATURE= /DEFINITION=HSU10906 Human cyclin-dependent kinase
 in

35

METAGENE 129 :

40862_i_at Cluster Incl. X15334:Human gene for creatine kinase B (EC 2.7.3.2) /c
 40863_r_at Cluster Incl. X15334:Human gene for creatine kinase B (EC 2.7.3.2) /c

METAGENE 130 :

- 31620_at Cluster Incl. AF033579:untitled /cds=(0,633) /gb=AF033579 /gi=3213224 /
5 32146_s_at Cluster Incl. L07261:Human alpha adducin mRNA, partial cds including

METAGENE 131 :

- 36398_at Cluster Incl. W28729:50h2 Homo sapiens cDNA /gb=W28729 /gi=1308677 /ug=
10 40302_at Cluster Incl. AL031186:bK984G1.1 (PUTATIVE C-terminal end of a novel pr
 33785_at Cluster Incl. AB005298:Homo sapiens BAI 2 mRNA, complete cds /cds=(378,
 38315_at Cluster Incl. AB015228:Homo sapiens mRNA for RALDH2-T, complete cds /cd
 1542_at X04571 /FEATURE=cds /DEFINITION=HSEGFRR Human mRNA for kidney epidermal

15 METAGENE 132 :

- 32963_s_at Cluster Incl. W27549:32d11 Homo sapiens cDNA /gb=W27549 /gi=1307353 /
 36308_at Cluster Incl. D76435:Homo sapiens mRNA for Zic protein, complete cds /c
 38869_at Cluster Incl. AB028992:Homo sapiens mRNA for KIAA1069 protein, partial
20 39579_at Cluster Incl. U89916:Homo sapiens claudin-10 (CLDN10) mRNA, complete cd
 40030_at Cluster Incl. Y15801:Homo sapiens mRNA for PRKY protein /cds=UNKNOWN
 /g
 41470_at Cluster Incl. AF027208:Homo sapiens AC133 antigen mRNA, complete cds /c
 41656_at Cluster Incl. AF043325:Homo sapiens N-myristoyltransferase 2 mRNA, comp
25 35674_at Cluster Incl. AB023211:Homo sapiens mRNA for KIAA0994 protein, partial
 35694_at Cluster Incl. AB014587:Homo sapiens mRNA for KIAA0687 protein, partial
 36821_at Cluster Incl. AL050367:Homo sapiens mRNA; cDNA DKFZp564A026 (from
 clone
 39692_at Cluster Incl. AL080209:Homo sapiens mRNA; cDNA DKFZp586F2423 (from
30 clon
 32168_s_at Cluster Incl. U85267:Homo sapiens down syndrome candidate region 1 (D
 32827_at Cluster Incl. AI365215:qz41a06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 33396_at Cluster Incl. U12472:Human glutathione S-transferase (GST phi) gene, co
 33819_at Cluster Incl. X13794:H.sapiens lactate dehydrogenase B gene exon 1 and
35 34296_at Cluster Incl. AF041210:Homo sapiens midline 1 fetal kidney isoform 3 (M
 35362_at Cluster Incl. AB018342:Homo sapiens mRNA for KIAA0799 protein, partial
 36635_at Cluster Incl. AB023173:Homo sapiens mRNA for KIAA0956 protein, partial
 36664_at Cluster Incl. M60091:Homo sapiens galactose-1-phosphate uridyl transfer
 38098_at Cluster Incl. D80010:Human mRNA for KIAA0188 gene, partial cds /cds=(0,

- 39903_at Cluster Incl. AB012955:Homo sapiens mRNA for KIP2, complete cds /cds=(6
 41355_at Cluster Incl. N95229:zb53g09.s1 Homo sapiens cDNA, 3' end /clone=IMAGE-
 1488_at L77886 /FEATURE= /DEFINITION=HUMPTPC Human protein tyrosine phosphatase
 1452_at U24576 /FEATURE= /DEFINITION=U24576 Homo sapiens breast tumor autoantige
 5 829_s_at U21689 /FEATURE=cds /DEFINITION=HSU21689 Human glutathione S-
 transferas
- METAGENE 133 :
- 10 41700_at Cluster Incl. M62424:Human thrombin receptor mRNA, complete cds /cds=(2
 37279_at Cluster Incl. U10550:Human Gem GTPase (gem) mRNA, complete cds /cds=(21
 38125_at Cluster Incl. M14083:Human beta-migrating plasminogen activator inhibit
 38767_at Cluster Incl. AF041037:Homo sapiens novel antagonist of FGF signaling (
 2094_s_at K00650 /FEATURE=cds /DEFINITION=HUMFOS Human fos proto-oncogene (c-
 15 fos
 2062_at L19182 /FEATURE= /DEFINITION=HUMMAC25X Human MAC25 mRNA, complete
 cds
 1911_s_at M60974 /FEATURE= /DEFINITION=HUMGADD45 Human growth arrest and
 DNA-dam
 20 1005_at X68277 /FEATURE=cds /DEFINITION=HSCL100 H.sapiens CL 100 mRNA for protei
 735_s_at Protein Kinase Ht31, Camp-Dependent

METAGENE 134 :

- 25 31320_at Cluster Incl. U18548:Human GPR12 G protein coupled-receptor gene, compl
 31393_r_at Cluster Incl. AB011076:Homo sapiens mRNA for UTF1, complete cds /cds=
 31604_at Cluster Incl. AJ009849:Homo sapiens GNAS1 gene encoding NESP55 /cds=(38
 31700_at Cluster Incl. AF027957:Homo sapiens G protein-coupled receptor (GPR35)
 32401_at Cluster Incl. U78110:Human prepro-neurturin mRNA, complete cds /cds=(0,
 30 32923_r_at Cluster Incl. M58378:Human synapsin I (SYN1) gene /cds=(0,2117) /gb=M
 33510_s_at Cluster Incl. U31216:Human metabotropic glutamate receptor 1 beta (mG
 34463_at Cluster Incl. M55983:Human DNase I mRNA, complete cds /cds=(159,1007) /
 34469_at Cluster Incl. X84746:H.sapiens Histo-blood group AB0 gene, exon 1 /cds=
 34508_r_at Cluster Incl. AI971726:wr07a08.x1 Homo sapiens cDNA, 3' end /clone=IM
 35 34907_at Cluster Incl. AB014541:Homo sapiens mRNA for KIAA0641 protein, complete
 35446_at Cluster Incl. AA767013:oa42a08.s1 Homo sapiens cDNA /clone=IMAGE-130760
 35923_at Cluster Incl. D13305:Human mRNA for brain cholecystokinin receptor /cds
 36237_at Cluster Incl. AB009698:Homo sapiens mRNA for hOAT1-2, complete cds /cds
 37475_at Cluster Incl. AC004144:Homo sapiens chromosome 19, overlapping cosmids

- 37790_at Cluster Incl. AF068006:Homo sapiens haemopoietic progenitor homeobox HP
- 38215_at Cluster Incl. U84894:Human 239AB mRNA, complete cds /cds=(114,1028) /gb
- 38865_at Cluster Incl. AJ011736:Homo sapiens mRNA for growth factor receptor bin
- 39645_r_at Cluster Incl. AF033105:Homo sapiens X-arrestin mRNA, complete cds /cd
- 5** 39667_at Cluster Incl. AF083898:Homo sapiens RNA-binding protein Nova-2 mRNA, co
- 41382_at Cluster Incl. AJ000342:Homo sapiens mRNA for DMBT1 6 kb transcript vari
- 32100_r_at Cluster Incl. U06088:Human N-acetylgalactosamine 6-sulphatase (GALNS)
- 32642_at Cluster Incl. AF026547:Homo sapiens neurocan (CSPG3) mRNA, complete cds
- 35997_g_at Cluster Incl. X98261:H.sapiens mRNA for M-phase phosphoprotein, mpp5
- 10** 38309_r_at Cluster Incl. AA805659:nz41b04.s1 Homo sapiens cDNA /clone=IMAGE-1290
- 41181_r_at Cluster Incl. U49785:Human D-dopachrome tautomerase mRNA, complete cd
- 33935_at Cluster Incl. AL035305:H.sapiens gene from PAC 102G20 /cds=(117,803) /g
- 37323_r_at Cluster Incl. X82460:H.sapiens mRNA for 15-hydroxy prostaglandin dehy
- 39198_s_at Cluster Incl. W27763:37c8 Homo sapiens cDNA /gb=W27763 /gi=1307711 /u
- 15** 39872_at Cluster Incl. AL031588:dJ1163J1.3 (novel protein similar to mouse B99)
- 39920_r_at Cluster Incl. AF095154:Homo sapiens C1q-related factor mRNA, complete
- 40539_at Cluster Incl. U42391:Human myosin-IXb mRNA, complete cds /cds=(0,6068)
- 41347_at Cluster Incl. AI814659:wj75g09.x1 Homo sapiens cDNA, 3' end /clone=IMAG
- 2090_i_at H12458 /FEATURE= /DEFINITION=H12458 yj12d03.s1 Soares placenta Nb2HP
- 20** H
- 2032_s_at U07375 /FEATURE=cds /DEFINITION=HSU07375 Human integrin alpha v gene,
- 1944_f_at AF001359 /FEATURE= /DEFINITION=AF001359 Homo sapiens DNA mismatch
- repa
- 1663_at Retinoic Acid Receptor, Gamma 2
- 25** 1332_f_at V00520 /FEATURE=mRNA /DEFINITION=HSGROW2 Human germ line gene
- for grow
- 887_at M62302 /FEATURE= /DEFINITION=HUMGDF1 Human growth/differentiation factor
- 888_s_at M62302 /FEATURE=cds#1 /DEFINITION=HUMGDF1 Human
- growth/differentiation
- 30** 778_s_at D16827 /FEATURE=cds /DEFINITION=HUMSSTR5 Human gene for fifth
- somatosta
- 729_i_at Mucin 3, Intestinal
- 694_at Mucin 5b, Tracheobronchial
- 477_at U51127 /FEATURE= /DEFINITION=HSU51127 Human interferon regulatory factor
- 35** 179_at U38980 /FEATURE= /DEFINITION=U38980 Human PMS2 related (hPMSR6) mRNA, co
- 166_at U48405 /FEATURE=cds /DEFINITION=HSU48405 Human G protein coupled receptor

METAGENE 135 :

- 33944_at Cluster Incl. S60099:APPH=amyloid precursor protein homolog [human, pla
 37485_at Cluster Incl. D88308:Homo sapiens mRNA for very-long-chain acyl-CoA syn
 41455_at Cluster Incl. AB018255:Homo sapiens mRNA for KIAA0712 protein, complete
 37221_at Cluster Incl. M31158:Human cAMP-dependent protein kinase subunit RII-be
5 37943_at Cluster Incl. AB002319:Human mRNA for KIAA0321 gene, partial cds /cds=(
 34391_at Cluster Incl. Y08915:H.sapiens mRNA for alpha 4 protein /cds=(8,1027) /
 36625_at Cluster Incl. L40401:Homo sapiens (clone zap128) mRNA, 3 end of cds /c
 2011_s_at U34584 /FEATURE= /DEFINITION=HSU34584 Human Bcl-2 interacting killer (
 1212_at U86529 /FEATURE= /DEFINITION=HSU86529 Human glutathione transferase Zeta

10

METAGENE 136 :

- 41083_at Cluster Incl. AC006276:Homo sapiens chromosome 19, cosmid R28379 /cds=(
 41084_at Cluster Incl. AI659108:tu08c09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
15 41858_at Cluster Incl. AL049261:Homo sapiens mRNA; cDNA DKFZp564E053 (from
 clone
 34707_at Cluster Incl. U91543:Homo sapiens zinc-finger helicase (hZFH) mRNA, com
 34724_at Cluster Incl. AI670100:wc1lg10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 37963_at Cluster Incl. X52151:Homo sapiens arylsulphatase A mRNA, complete cds /
20 38966_at Cluster Incl. AF038958:Homo sapiens synaptic glycoprotein SC2 spliced v
 38996_at Cluster Incl. U15655:Human ets domain protein ERF mRNA, complete cds /c
 39050_at Cluster Incl. AF026029:Homo sapiens poly(A) binding protein II (PABP2)
 39082_at Cluster Incl. Y00097:Human mRNA for protein p68 /cds=(100,2121) /gb=Y00
 32761_at Cluster Incl. AB002322:Human mRNA for KIAA0324 gene, partial cds /cds=(
25 33931_at Cluster Incl. X71973:H.sapiens GPx-4 mRNA for phospholipid hydroperoxid
 35292_at Cluster Incl. Z37166:H.sapiens BAT1 mRNA for nuclear RNA helicase (DEAD
 35840_at Cluster Incl. AL050060:Homo sapiens mRNA; cDNA DKFZp566H073 (from
 clone
 36158_at Cluster Incl. AF086947:untitled /cds=(334,4119) /gb=AF086947 /gi=413912
30 36161_at Cluster Incl. M34175:Human beta adaptin mRNA, complete cds /cds=(177,29
 36200_at Cluster Incl. X69838:H.sapiens mRNA for G9a /cds=(47,3052) /gb=X69838 /
 36208_at Cluster Incl. D42040:Human mRNA for KIAA9001 gene, complete cds /cds=(1
 39112_at Cluster Incl. Y07661:H.sapiens USF2 gene /cds=(0,1040) /gb=Y07661 /gi=1
 39180_at Cluster Incl. S62140:TLS=translocated in liposarcoma [human, mRNA, 1824
35 41344_s_at Cluster Incl. M96684:H.sapiens Pur (pur-alpha) mRNA, complete cds /cd
 1997_s_at U19599 /FEATURE= /DEFINITION=HSU19599 Human (BAX delta) mRNA,
 complete
 447_g_at U89896 /FEATURE= /DEFINITION=HSU89896 Homo sapiens casein kinase I
 gamm

319_g_at D64142 /FEATURE=mRNA /DEFINITION=D64142 Human mRNA for histone H1x, com

METAGENE 137 :

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35721_at Cluster Incl. M38180:Human 3-beta-hydroxysteroid dehydrogenase/delta-5-
34314_at Cluster Incl. X59543:Human mRNA for M1 subunit of ribonucleotide reduct
38782_at Cluster Incl. M95809:Human basic transcription factor 62kD subunit (BTF
147_at U82130 /FEATURE= /DEFINITION=HSU82130 Human tumor susceptibility protein (

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METAGENE 138 :

35878_at Cluster Incl. AB023141:Homo sapiens mRNA for KIAA0924 protein, complete
37141_at Cluster Incl. U39840:Human hepatocyte nuclear factor-3 alpha (HNF-3 alp
15 41453_at Cluster Incl. U49089:Human neuroendocrine-dlg (NE-dlg) mRNA, complete c
32084_at Cluster Incl. AF057164:Homo sapiens organic cation transporter OCTN2 (O
33730_at Cluster Incl. AF095448:Homo sapiens putative G protein-coupled receptor
33807_at Cluster Incl. AB023186:Homo sapiens mRNA for KIAA0969 protein, complete
34712_at Cluster Incl. AB023227:Homo sapiens mRNA for KIAA1010 protein, partial
20 35214_at Cluster Incl. AF061016:Homo sapiens UDP-glucose dehydrogenase (UGDH) mR
38630_at Cluster Incl. AL080192:Homo sapiens mRNA; cDNA DKFZp434B102 (from
clone
40079_at Cluster Incl. AA156240:zl50c12.s1 Homo sapiens cDNA, 3 end /clone=IMAG
40800_at Cluster Incl. AI590869:tw88g03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
25 32787_at Cluster Incl. M34309:Human epidermal growth factor receptor (HER3) mRNA
34300_at Cluster Incl. AI352450:qt16g11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
36970_at Cluster Incl. D80004:Human mRNA for KIAA0182 gene, partial cds /cds=(0,
38763_at Cluster Incl. L29254:Human (clone P1-5) L-iditol-2 dehydrogenase gene /
38827_at Cluster Incl. AF038451:Homo sapiens secreted cement gland protein XAG-2
30 41346_at Cluster Incl. AJ007583:Homo sapiens mRNA for acetylglucosaminyltransfer
32618_at Cluster Incl. X93086:H.sapiens mRNA for biliverdin IX alpha reductase /
1850_at U07418 /FEATURE= /DEFINITION=HSHMLHI Human DNA mismatch repair (hmlh1) m
1577_at M23263 /FEATURE= /DEFINITION=HUMARB Human androgen receptor mRNA,
comple
35 1585_at M34309 /FEATURE= /DEFINITION=HUMHER3A Human epidermal growth factor rece

METAGENE 139 :

39681_at Cluster Incl. AF060568:Homo sapiens promyelocytic leukemia zinc finger

- 35707_at Cluster Incl. AI057614:oy31f04.x1 Homo sapiens cDNA, 3' end /clone=IMAG
- 38683_s_at Cluster Incl. AB029008:Homo sapiens mRNA for KIAA1085 protein, partial
- 40503_at Cluster Incl. X66276:H.sapiens mRNA for skeletal muscle C-protein /cds=
- 41728_at Cluster Incl. D63486:Human mRNA for KIAA0152 gene, complete cds /cds=(1
- 5 41770_at Cluster Incl. AA420624:nc61c12.r1 Homo sapiens cDNA /clone=IMAGE-745750
- 41771_g_at Cluster Incl. AA420624:nc61c12.r1 Homo sapiens cDNA /clone=IMAGE-7457
- 41772_at Cluster Incl. M68840:Human monoamine oxidase A (MAOA) mRNA, complete cd
- 32817_at Cluster Incl. AL096881:Novel human mRNA similar to Rattus norvegicus 45
- 35771_at Cluster Incl. AF049460:Homo sapiens nuclear DEAF-1 related transcriptio
- 10 2026_at M83215 /FEATURE= /DEFINITION=HUMAML1BP Human acute myeloid leukemia (AML

METAGENE 140 :

- 15 33982_f_at Cluster Incl. X59244:Human ZNF43 mRNA /cds=(337,2748) /gb=X59244 /gi=
- 36303_f_at Cluster Incl. U35376:Human repressor transcriptional factor (ZNF85) m
- 37676_at Cluster Incl. AF056490:Homo sapiens cAMP-specific phosphodiesterase 8A
- 41501_at Cluster Incl. AF004849:Homo sapiens PKY protein kinase mRNA, complete c
- 33173_g_at Cluster Incl. T75292:yc89b05.r1 Homo sapiens cDNA, 5' end /clone=IMAG
- 20 1606_at L36645 /FEATURE=mRNA /DEFINITION=HUMRPTKC Homo sapiens receptor protein-704_at Nuclear Factor 1, A Type
- 369_s_at Z29331 /FEATURE=cds /DEFINITION=HSUCEH3 H.sapiens (23k/3) mRNA for ubiqu

25 METAGENE 141 :

- 37841_at Cluster Incl. M16541:Human butyrylcholinesterase, mRNA, complete cds /c
- 33449_at Cluster Incl. AF054185:Homo sapiens proteasome subunit HSPC mRNA, compl

30 METAGENE 142 :

- 31526_f_at Cluster Incl. X63547:H.sapiens mRNA for the oncogene (clone 213) /cds
- 39951_at Cluster Incl. L20826:Human I-plastin mRNA, complete cds /cds=(97,1986)
- 34677_f_at Cluster Incl. AJ012755:Homo sapiens mRNA for TL132 /cds=(1241,2305) /
- 35 1035_g_at U14394 /FEATURE= /DEFINITION=HSU14394 Human tissue inhibitor of metallo

METAGENE 143 :

- 35382_at Cluster Incl. AF043244:Homo sapiens apoptosis repressor ARC (ARC) mRNA,

- 41861_at Cluster Incl. AL050019:Homo sapiens mRNA; cDNA DKFZp564C186 (from clone)
- 35994_at Cluster Incl. AC002398:Human DNA from chromosome 19-specific cosmid F25
- 33424_at Cluster Incl. Y00281:Human mRNA for ribophorin I /cds=(137,1960) /gb=Y0
- 5 34366_g_at Cluster Incl. AF042386:Homo sapiens cyclophilin-33B (CYP-33) mRNA, co
- 35338_at Cluster Incl. X17094:Human fur mRNA for furin /cds=(216,2600) /gb=X1709
- 36150_at Cluster Incl. AB020649:Homo sapiens mRNA for KIAA0842 protein, partial
- 1879_at M14949 /FEATURE=cds /DEFINITION=HUMRASR2 Human R-ras gene, exons 2 throu
- 1649_at U61836 /FEATURE=mRNA /DEFINITION=HSU61836 Human putative cyclin G1 inter
- 10 1333_f_at X02596 /FEATURE=cds /DEFINITION=HSBCRR Human mRNA for bcr (breakpoint
- 537_f_atU07000 /FEATURE=cds#3 /DEFINITION=HSU07000 Human breakpoint cluster reg
- 405_at X52773 /FEATURE=cds /DEFINITION=HSRARLP Human mRNA for retinoic acid rece
- 15 METAGENE 144 :
- 31481_s_at Cluster Incl. M92383:Homo sapiens thymosin beta-10 gene, 3end /cds=(0
- 32134_at Cluster Incl. AL050162:Homo sapiens mRNA; cDNA DKFZp586B2022 (from clon
- 20 33774_at Cluster Incl. X98172:H.sapiens mRNA for MACH-alpha-1 protein /cds=(291,
- 37974_at Cluster Incl. AL050178:Homo sapiens mRNA; cDNA DKFZp586J1822 (from clon
- 39043_at Cluster Incl. AF006084:Homo sapiens Arp2/3 protein complex subunit p41-
- 40071_at Cluster Incl. U03688:Human dioxin-inducible cytochrome P450 (CYP1B1) mR
- 41175_at Cluster Incl. L20298:Homo sapiens transcription factor (CBFB) mRNA, 3
- 25 41743_i_at Cluster Incl. AF061034:Homo sapiens FIP2 alternatively translated mRN
- 34386_at Cluster Incl. AF072250:Homo sapiens methyl-CpG binding protein MBD4 (MB
- 35734_at Cluster Incl. AI935551:wo97g09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 39533_at Cluster Incl. D87432:Human mRNA for KIAA0245 gene, complete cds /cds=(2
- 40585_at Cluster Incl. D25538:Human mRNA for KIAA0037 gene, complete cds /cds=(2
- 30 40910_at Cluster Incl. U56637:Human capping protein alpha subunit isoform 1 mRNA
- 41795_at Cluster Incl. X17576:Human melanoma mRNA for nck protein, showing homol
- 32563_at Cluster Incl. U51478:Human sodium/potassium-transporting ATPase beta-3
- 859_at U03688 /FEATURE= /DEFINITION=HSU03688 Human dioxin-inducible cytochrome P
- 35 METAGENE 145 :
- 40309_at Cluster Incl. X66839:H.sapiens MaTu MN mRNA for p54/58N protein /cds=(4
- 31888_s_at Cluster Incl. AF001294:Homo sapiens IPL (IPL) mRNA, complete cds /cds
- 34777_at Cluster Incl. D14874:Homo sapiens mRNA for adrenomedullin precursor, co

- 34795_at Cluster Incl. U84573:Homo sapiens lysyl hydroxylase isoform 2 (PLOD2) m
 36933_at Cluster Incl. D87953:Human mRNA for RTP, complete cds /cds=(122,1306) /
 37037_at Cluster Incl. M24486:Human prolyl 4-hydroxylase alpha subunit mRNA, com
 40237_at Cluster Incl. AF035444:Homo sapiens p17-Beckwith-Wiedemann region 1 C (
- 5** 1385_at M77349 /FEATURE= /DEFINITION=HUMTGFBIG Human transforming growth factor-
- METAGENE 146 :
- 39709_at Cluster Incl. U67171:Human selenoprotein W (selW) mRNA, complete cds /c
10 36170_at Cluster Incl. D83198:Homo sapiens mRNA expressed in thyroid gland /cds=
 37760_at Cluster Incl. AB015019:Homo sapiens mRNA for BAP2-alpha protein, comple
 2031_s_at U03106 /FEATURE= /DEFINITION=HSU03106 Human wild-type p53 activated
 fr
- 15** METAGENE 147 :
- 37587_at Cluster Incl. S43855:recoverin=photoreceptor protein [human, retina, mR
 40794_at Cluster Incl. X05332:Human mRNA for prostate specific antigen /cds=(43,
- 20** METAGENE 148 :
- 31932_f_at Cluster Incl. M90357:Human basic transcription factor 3a (BTF3a) gene
 34898_at Cluster Incl. M30704:Human amphiregulin (AR) mRNA, complete cds, clones
 40375_at Cluster Incl. X63741:H.sapiens pilot mRNA /cds=(353,1516) /gb=X63741 /g
25 32655_s_at Cluster Incl. X87613:H.sapiens mRNA for skeletal muscle abundant prot
 34773_at Cluster Incl. AF038952:Homo sapiens cofactor A protein mRNA, complete c
 37537_at Cluster Incl. L04510:Human nucleotide binding protein mRNA, complete cd
 40086_at Cluster Incl. D87450:Human mRNA for KIAA0261 gene, partial cds /cds=(0,
 40486_g_at Cluster Incl. AA176780:zp32a10.s1 Homo sapiens cDNA, 3 end /clone=IM
30 41155_at Cluster Incl. U03100:Human alpha2(E)-catenin mRNA, complete cds /cds=(4
 33343_at Cluster Incl. AB022663:Homo sapiens HFB30 mRNA, complete cds /cds=(236,
 33847_s_at Cluster Incl. AI304854:qo19f03.x1 Homo sapiens cDNA, 3 end /clone=IM
 34783_s_at Cluster Incl. AF047473:Homo sapiens testis mitotic checkpoint BUB3 (B
 37292_at Cluster Incl. D83785:Human mRNA for KIAA0200 gene, complete cds /cds=(2
35 38067_at Cluster Incl. D86957:Human mRNA for KIAA0202 gene, partial cds /cds=(0,
 39110_at Cluster Incl. X55733:H.sapiens initiation factor 4B cDNA /cds=(0,1835)
 39517_at Cluster Incl. AF035313:Homo sapiens clone 23851 mRNA sequence /cds=UNKN
 40203_at Cluster Incl. AJ012375:Homo sapiens mRNA for SUI1 protein translation i
 40211_at Cluster Incl. X12671:Human gene for heterogeneous nuclear ribonucleopro

- 40966_at Cluster Incl. AF099989:Homo sapiens Ste-20 related kinase SPAK mRNA, co
 41547_at Cluster Incl. AF047472:Homo sapiens spleen mitotic checkpoint BUB3 (BUB
 2085_s_at D14705 /FEATURE= /DEFINITION=HUMALPHAC Human mRNA for alpha-
 catenin, c
- 5** 1675_at M23379 /FEATURE= /DEFINITION=HUMGAPA Human GTPase-activating protein ras
 1467_at U12535 /FEATURE= /DEFINITION=HSU12535 Human epidermal growth factor rece
 1420_s_at D30655 /FEATURE= /DEFINITION=HUMELF4AII Homo sapiens mRNA for
 eukaryot
- 1383_at M64929 /FEATURE= /DEFINITION=HUMPROP2AA Human protein phosphatase 2A alp
- 10** 776_at D13435 /FEATURE= /DEFINITION=HUMPIGF Human mRNA for PIG-F (phosphatidyl-i
 529_at U15932 /FEATURE= /DEFINITION=HSU15932 Human dual-specificity protein phos
 324_f_at Transcription Factor Btf3b
- 218_at S74221 /FEATURE= /DEFINITION=S74221 IK=IK factor [human, leukemic cells K
 192_at U18062 /FEATURE= /DEFINITION=HSU18062 Human TFIID subunit TAFII55 (TAFII5

15

METAGENE 149 :

- 33646_g_at Cluster Incl. X61094:H.sapiens RNA for GM2-activator protein (clone p
 34172_s_at Cluster Incl. M99578:Human lymphocyte surface protein exons 1-5, comp
- 20** 35099_at Cluster Incl. AF019225:Homo sapiens apolipoprotein L mRNA, complete cds
 35583_at Cluster Incl. X99699:H.sapiens mRNA for XIAP associated factor-1 /cds=(
 36770_at Cluster Incl. U18671:Human Stat2 gene, complete cds /cds=(57,2612) /gb=
 39264_at Cluster Incl. M87284:Human 69 kDa 25 oligoadenylate synthetase (P69 2-
 38014_at Cluster Incl. X79448:H.sapiens IFI-4 mRNA for type I protein /cds=(1165
- 25** 2066_at L22474 /FEATURE= /DEFINITION=HUMBAXB Human Bax beta mRNA, complete cds
 1794_at M92287 /FEATURE= /DEFINITION=HUMCYCD3A Homo sapiens cyclin D3 (CCND3)
 mR
- 1457_at M64174 /FEATURE= /DEFINITION=HUMPTKJAK1 Human protein-tyrosine kinase (J
 909_g_at M14660 /FEATURE=cds /DEFINITION=HUMISG2 Human ISG-54K gene
- 30** (interferon
- 865_at U08316 /FEATURE= /DEFINITION=HSU08316 Human insulin-stimulated protein ki
 428_s_at V00567 /FEATURE=cds /DEFINITION=HSMGLO Human messenger RNA
 fragment for
- 201_s_at S82297 /FEATURE= /DEFINITION=S82297 beta 2-microglobulin {11bp deleted

35

METAGENE 150 :

- 34526_s_at Cluster Incl. AF052108:Homo sapiens clone 23687 mRNA sequence /cds=UN
 38937_at Cluster Incl. AF022152:Homo sapiens AP-3 complex beta3B subunit mRNA, c

33244_at Cluster Incl. U07223:Human beta2-chimaerin mRNA, complete cds /cds=(444
 35670_at Cluster Incl. M37457:Human Na⁺,K⁺-ATPase catalytic subunit alpha-III i
 40808_at Cluster Incl. U03749:Human chromogranin A (CHGA) gene, promoter and /cd

5 METAGENE 151 :

37127_at Cluster Incl. AB023143:Homo sapiens mRNA for KIAA0926 protein, complete
 37479_at Cluster Incl. M54992:Human B cell differentiation antigen mRNA, complet
 37774_at Cluster Incl. AI819942:wj88e02.x1 Homo sapiens cDNA, 3' end /clone=IMAG
 10 38222_at Cluster Incl. AF007893:Homo sapiens P2Y6 receptor pseudogene, complete
 31802_at Cluster Incl. D86979:Human mRNA for KIAA0226 gene, complete cds /cds=(6
 33291_at Cluster Incl. AF081195:Homo sapiens calcium and DAG-regulated guanine n
 34256_at Cluster Incl. AB018356:Homo sapiens mRNA for GM3 synthase, complete cds
 35659_at Cluster Incl. U00672:Human interleukin-10 receptor mRNA, complete cds /
 15 36885_at Cluster Incl. L28824:Homo sapiens protein tyrosine kinase (Syk) mRNA, c
 37180_at Cluster Incl. X14034:Human mRNA for phospholipase C /cds=(152,3910) /gb
 38666_at Cluster Incl. M85169:Human homologue of yeast sec7 mRNA, complete cds /
 40472_at Cluster Incl. AF007155:Homo sapiens clone 23763 unknown mRNA, partial c
 34361_at Cluster Incl. U33849:Human lymphoma proprotein convertase (LPC) mRNA, c
 20 36650_at Cluster Incl. D13639:Human mRNA for KIAK0002 gene, complete cds /cds=(2
 39829_at Cluster Incl. AB016811:Homo sapiens mRNA for ADP ribosylation factor-li
 40639_at Cluster Incl. AL021683:Homo sapiens cDNA homologous to Yeast SCO1 & SCO
 1630_s_at Tyrosine Kinase Syk
 1365_at M26062 /FEATURE= /DEFINITION=HUMIL2RBC Human interleukin 2 receptor beta
 25 1292_at L11329 /FEATURE= /DEFINITION=HUMPAC1 Homo sapiens protein tyrosine phosph
 574_s_at M87507 /FEATURE= /DEFINITION=HUMIL1BCE Homo sapien interleukin-1
 beta c
 307_at J03600 /FEATURE= /DEFINITION=HUMLOX5 Human lipoxygenase mRNA, complete
 cd
 30 106_at Z35278 /FEATURE=mRNA /DEFINITION=HSAML1RN H.sapiens PEBP2aC1 acute
 myeloi

METAGENE 152 :

35 31773_at Cluster Incl. U06715:Human cytochrome B561, HCYTO B561, mRNA, partial c
 41104_at Cluster Incl. AF044197:Homo sapiens B lymphocyte chemoattractant BLC mR

METAGENE 153 :

36376_at Cluster Incl. AF030880:Homo sapiens pendrin (PDS) mRNA, complete cds /c
 36328_at Cluster Incl. M31651:Homo sapiens sex hormone-binding globulin (SHBG) g
 37536_at Cluster Incl. Z11697:Homo sapiens mRNA for HB15 /cds=(10,627) /gb=Z1169
 1170_at Colony-Stimulating Factor 1, Macrophage, Alt. Splice 3

5

METAGENE 154 :

31833_at Cluster Incl. U78575:Human 68 kDa type I phosphatidylinositol-4-phospha
 33230_at Cluster Incl. AJ131186:Homo sapiens mRNA for nuclear matrix protein NMP
 10 36146_at Cluster Incl. AF057297:Homo sapiens ornithine decarboxylase antizyme 2

METAGENE 155 :

15 31496_g_at Cluster Incl. D63789:Homo sapiens DNA for SCM-1beta precursor, comple
 34607_at Cluster Incl. AB023135:Homo sapiens mRNA for activation-inducible lymph
 32264_at Cluster Incl. L23134:Homo sapiens metase (MET-1) mRNA, complete cds /cd
 32321_at Cluster Incl. X56841:H.sapiens HLA-E gene /cds=(0,363) /gb=X56841 /gi=4
 32370_at Cluster Incl. M57888:Human (clone lambda B34) cytotoxic T-lymphocyte-as
 33462_at Cluster Incl. D13626:Human mRNA for KIAA0001 gene, complete cds /cds=(2
 20 34046_at Cluster Incl. Z83844:Human DNA sequence from clone 37E16 on chromosome
 34432_at Cluster Incl. AF051325:Homo sapiens SH3 domain containing adaptor prote
 34481_at Cluster Incl. AF030227:untitled /cds=(97,2634) /gb=AF030227 /gi=3282618
 34914_at Cluster Incl. U94778:Human PEST phosphatase interacting protein homolog
 34965_at Cluster Incl. AF031824:Homo sapiens leukocystatin mRNA, complete cds /c
 25 36239_at Cluster Incl. Z49194:H.sapiens mRNA for oct-binding factor /cds=(523,12
 36277_at Cluster Incl. M23323:Human membrane protein (CD3-epsilon) gene /cds=(59
 36280_at Cluster Incl. U26174:Human pre-granzyme 3 mRNA, complete cds /cds=(40,8
 36293_at Cluster Incl. U73531:Human G protein-coupled receptor STRL33.3 (STRL33)
 36314_at Cluster Incl. U04806:Human FLT3/FLK2 ligand mRNA, complete cds /cds=(92
 30 37078_at Cluster Incl. J04132:Human T cell receptor zeta-chain mRNA, complete cd
 37121_at Cluster Incl. S69115:granulocyte colony-stimulating factor induced gene
 37137_at Cluster Incl. M17016:Human serine protease-like protein mRNA, complete
 37456_at Cluster Incl. AL022315:dJ1177I5.3 (Lectin, Galactose-binding, soluble,
 37493_at Cluster Incl. H04668:yj49e08.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 35 37775_at Cluster Incl. W25951:17d10 Homo sapiens cDNA /gb=W25951 /gi=1306236 /ug
 37845_at Cluster Incl. M58285:Human membrane-associated protein (HEM-1) mRNA, co
 38149_at Cluster Incl. D29642:Human mRNA for KIAA0053 gene, complete cds /cds=(1
 38570_at Cluster Incl. X03066:Human mRNA for HLA-D class II antigen DO beta chai
 38578_at Cluster Incl. M63928:Homo sapiens T cell activation antigen (CD27) mRNA

	38893_at	Cluster Incl. AL008637:Human DNA sequence from clone 833B7 on chromosom
	38894_g_at	Cluster Incl. AL008637:Human DNA sequence from clone 833B7 on chromos
	38949_at	Cluster Incl. L01087:Human protein kinase C-theta (PRKCT) mRNA, complet
	38964_r_at	Cluster Incl. U12707:Human Wiskott-Aldrich syndrome protein (WASP) mR
5	39649_at	Cluster Incl. X78817:H.sapiens partial C1 mRNA /cds=(42,2882) /gb=X7881
	39672_at	Cluster Incl. M64322:Human protein tyrosine phosphatase (LTPase) mRNA,
	39936_at	Cluster Incl. U95626:Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr
	40296_at	Cluster Incl. AL023653:Human DNA sequence from clone 753P9 on chromosom
	40667_at	Cluster Incl. X60992:H.sapiens CD6 mRNA for T cell glycoprotein CD6 /cd
10	40699_at	Cluster Incl. M12824:Human T-cell differentiation antigen Leu-2/T8 mRNA
	40715_at	Cluster Incl. D83597:Homo sapiens mRNA for RP105, complete cds /cds=(14
	40718_at	Cluster Incl. AF013611:Homo sapiens lymphopain mRNA, complete cds /cds=
	40719_at	Cluster Incl. AL022398:dJ434O14.3.3 (novel protein) (isoform 3) /cds=(2
	40720_at	Cluster Incl. AL022398:dJ434O14.3.1 (putative protein) (isoform 1) /cds
15	40721_g_at	Cluster Incl. AL022398:dJ434O14.3.1 (putative protein) (isoform 1) /c
	40738_at	Cluster Incl. M16336:Human T-cell surface antigen CD2 (T11) mRNA, compl
	40757_at	Cluster Incl. M18737:Human Hanukah factor serine protease (HuHF) mRNA,
	41468_at	Cluster Incl. M30894:Human T-cell receptor Ti rearranged gamma-chain mR
	41654_at	Cluster Incl. X02994:Human mRNA for adenosine deaminase (adenosine amin
20	31820_at	Cluster Incl. X16663:Human HS1 gene for heamatopoietic lineage cell spe
	31870_at	Cluster Incl. X14046:Human mRNA for leukocyte antigen CD37 /cds=(63,908
	31901_at	Cluster Incl. AF044253:Homo sapiens potassium channel beta 2 subunit (H
	32070_at	Cluster Incl. X97267:H.sapiens LPAP gene /cds=(63,683) /gb=X97267 /gi=1
	32629_f_at	Cluster Incl. U90552:Human butyrophilin (BTF5) mRNA, complete cds /cd
25	32704_at	Cluster Incl. D86964:Human mRNA for KIAA0209 gene, partial cds /cds=(0,
	32736_at	Cluster Incl. W68830:zd37g06.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	33238_at	Cluster Incl. U23852:Human T-lymphocyte specific protein tyrosine kinas
	33243_at	Cluster Incl. AF099935:Homo sapiens MDC-3.13 isoform 2 mRNA, complete c
	33267_at	Cluster Incl. AF035315:Homo sapiens clone 23664 and 23905 mRNA sequence
30	33748_at	Cluster Incl. D86976:Human mRNA for KIAA0223 gene, partial cds /cds=(0,
	33813_at	Cluster Incl. AI813532:wj83a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	34210_at	Cluster Incl. N90866:zb11b10.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	35149_at	Cluster Incl. AI865431:wk11h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35625_at	Cluster Incl. X94630:H.sapiens CD97 gene exon 1 (and joined CDS) /cds=(
35	36030_at	Cluster Incl. AL080214:Homo sapiens mRNA; cDNA DKFZp586I2223 (from clon
	36062_at	Cluster Incl. AF062075:Homo sapiens leupaxin mRNA, complete cds /cds=(9
	36493_at	Cluster Incl. M33552:Human lymphocyte-specific protein 1 (LSP1) mRNA, c
	37541_at	Cluster Incl. U25956:Human P-selectin glycoprotein ligand (SELPLG) gene
	37591_at	Cluster Incl. U94592:Human uncoupling protein homolog (UCPH) mRNA, comp

	37625_at	Cluster Incl. U52682:Human lymphocyte specific interferon regulatory fa
	37645_at	Cluster Incl. Z22576:H.sapiens CD69 gene /cds=(81,680) /gb=Z22576 /gi=3
	38006_at	Cluster Incl. M37766:Human MEM-102 glycoprotein mRNA, complete cds /cds
	38319_at	Cluster Incl. AA919102:ol84h02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
5	38976_at	Cluster Incl. D44497:Human mRNA for actin binding protein p57, complete
	39049_at	Cluster Incl. AJ243937:Homo sapiens mRNA for G18.1a and G18.1b proteins
	40468_at	Cluster Incl. AB011126:Homo sapiens mRNA for KIAA0554 protein, partial
	32793_at	Cluster Incl. X00437:Human mRNA for T-cell specific protein /cds=(37,97
	32794_g_at	Cluster Incl. X00437:Human mRNA for T-cell specific protein /cds=(37,
10	36155_at	Cluster Incl. D87465:Human mRNA for KIAA0275 gene, complete cds /cds=(3
	37021_at	Cluster Incl. X16832:Human mRNA for cathepsin H (EC 3.4.22.16) /cds=(34
	38017_at	Cluster Incl. U05259:Human MB-1 gene, complete cds /cds=(36,716) /gb=U0
	38018_g_at	Cluster Incl. U05259:Human MB-1 gene, complete cds /cds=(36,716) /gb=
	38091_at	Cluster Incl. Z49107:H.sapiens mRNA for galectin /cds=(87,1058) /gb=Z49
15	38826_at	Cluster Incl. D50918:Human mRNA for KIAA0128 gene, partial cds /cds=(0,
	41577_at	Cluster Incl. AB020630:Homo sapiens mRNA for KIAA0823 protein, partial
	2059_s_at	M36881 /FEATURE=mRNA /DEFINITION=HUMLCCKAA Human lymphocyte-
	specific pr	
	2019_s_at	M68892 /FEATURE= /DEFINITION=HUMINTB7 Human integrin beta-7 subunit
20	mR	
	1760_s_at	D11327 /FEATURE= /DEFINITION=HUMLCPTP Human mRNA for protein-
	tyrosine	
	1717_s_at	U45878 /FEATURE= /DEFINITION=HSU45878 Human inhibitor of apoptosis
	pro	
25	1583_at	M32315 /FEATURE= /DEFINITION=HUMNFR Human tumor necrosis factor receptor
	1506_at	D11086 /FEATURE= /DEFINITION=HUMIL2RG Human mRNA for interleukin 2 recep
	1498_at	L05148 /FEATURE= /DEFINITION=HUMTYRKIN Human protein tyrosine kinase rel
	1478_at	L10717 /FEATURE= /DEFINITION=HUMTKTCS Homo sapiens T cell-specific tyros
	1403_s_at	M21121 /FEATURE= /DEFINITION=HUMTCSM Human T cell-specific protein
30	(RA	
	1405_i_at	M21121 /FEATURE= /DEFINITION=HUMTCSM Human T cell-specific protein
	(RA	
	1326_at	U60519 /FEATURE= /DEFINITION=HSU60519 Human apoptotic cysteine protease
	1105_s_at	M12886 /FEATURE= /DEFINITION=HUMTCBYT Human T-cell receptor active
35	bet	
	1106_s_at	M12959 /FEATURE= /DEFINITION=HUMTCAXB Human T-cell receptor active
	alp	
	1110_at	M21624 /FEATURE=mRNA /DEFINITION=HUMTCRGC Human T-cell receptor delta ch

- 1062_g_at U00672 /FEATURE= /DEFINITION=U00672 Human interleukin-10 receptor mRNA
- 906_at L78440 /FEATURE=mRNA /DEFINITION=HUMSTAT4R Homo sapiens STAT4 mRNA, compl
- 5 849_g_at U19261 /FEATURE= /DEFINITION=HSU19261 Homo sapiens Epstein-Barr virus-i
- 402_s_at X69819 /FEATURE=cds /DEFINITION=HSICAM3RN H.sapiens ICAM-3 mRNA
- 245_at M25280 /FEATURE= /DEFINITION=HUMLNHR Human lymph node homing receptor mRN
- 10 172_at U57650 /FEATURE= /DEFINITION=HSU57650 Human SH2-containing inositol 5-pho
- 160029_at X07109 /FEATURE=cds /DEFINITION=HSPKCB2A Human mRNA for protein kinase
- 15 METAGENE 156 :
- 36337_at Cluster Incl. AI760801:wi67f11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 34462_at Cluster Incl. U38254:Human amiloride sensitive sodium channel delta sub
- 38631_at Cluster Incl. M92357:Homo sapiens B94 protein mRNA, complete cds /cds=(
- 20 2041_i_at M14752 /FEATURE= /DEFINITION=HUMABLA Human c-abl gene, complete cds
- METAGENE 157 :
- 25 38573_at Cluster Incl. U72209:Human YY1-associated factor 2 (YAF2) mRNA, complet
- 38908_s_at Cluster Incl. AL096744:Homo sapiens mRNA; cDNA DKFZp566H033 (from clo
- 41417_at Cluster Incl. AC003108:Human Chromosome 16 BAC clone CIT987SK-327O24 /c
- 31879_at Cluster Incl. U69127:Human FUSE binding protein 3 (FBP3) mRNA, partial
- 32734_at Cluster Incl. L76703:Homo sapiens protein phosphatase 2A B56-epsilon (P
- 30 34680_s_at Cluster Incl. D14663:Human mRNA for KIAA0107 gene, complete cds /cds=
- 34699_at Cluster Incl. AL050105:Homo sapiens mRNA; cDNA DKFZp586H0519 (from clon
- 34752_at Cluster Incl. AL080111:Homo sapiens mRNA; cDNA DKFZp586G2222 (from clon
- 35 34763_at Cluster Incl. AF020043:Homo sapiens chromosome-associated polypeptide (
- 34768_at Cluster Incl. AL080080:Homo sapiens mRNA; cDNA DKFZp564E1962 (from clon
- 35656_at Cluster Incl. AJ010346:Homo sapiens mRNA for RING-H2 protein RNF6, alte
- 36474_at Cluster Incl. AB018319:Homo sapiens mRNA for KIAA0776 protein, partial

	36909_at	Cluster Incl. X62048:H.sapiens Wee1 hu gene /cds=(170,2110) /gb=X62048
	37569_at	Cluster Incl. AF035606:Homo sapiens calcium binding protein (ALG-2) mRNA
	37962_r_at	Cluster Incl. D63506:Homo sapiens mRNA for unc-18homologue, complete
	38270_at	Cluster Incl. AF005043:Homo sapiens poly(ADP-ribose) glycohydrolase (hP
5	38654_at	Cluster Incl. X65488:H.sapiens U21.1 mRNA /cds=(41,2461) /gb=X65488 /gi
	38676_at	Cluster Incl. AA059408:zl96e07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
	38698_at	Cluster Incl. AL080070:Homo sapiens mRNA; cDNA DKFZp564M112 (from clone
	38705_at	Cluster Incl. AI310002:qo77c11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
10	38993_r_at	Cluster Incl. W27522:32a12 Homo sapiens cDNA /gb=W27522 /gi=1307326 /
	39005_s_at	Cluster Incl. AB018257:Homo sapiens mRNA for KIAA0714 protein, partia
	39381_at	Cluster Incl. AF055030:Homo sapiens clone 24538 mRNA sequence /cds=UNKN
	39389_at	Cluster Incl. M38690:Human CD9 antigen mRNA, complete cds /cds=(51,737)
	39727_at	Cluster Incl. AF023917:Homo sapiens protein tyrosine phosphatase PIR1 m
15	39744_at	Cluster Incl. AF000982:Homo sapiens dead box, X isoform (DBX) mRNA, alt
	39793_at	Cluster Incl. AF029786:Homo sapiens GBAS (GBAS) mRNA, complete cds /cds
	40048_at	Cluster Incl. D43951:Human mRNA for KIAA0099 gene, complete cds /cds=(5
	40128_at	Cluster Incl. D79993:Human mRNA for KIAA0171 gene, complete cds /cds=(1
	40797_at	Cluster Incl. AF009615:Homo sapiens ADAM10 (ADAM10) mRNA, complete cds
20	40831_at	Cluster Incl. AL050190:Homo sapiens mRNA; cDNA DKFZp586B0923 (from clon
	40864_at	Cluster Incl. D25274:Homo sapiens mRNA, clone-PO2ST9 /cds=UNKNOWN /gb=D
	41131_f_at	Cluster Incl. U01923:Human BTK region clone fip-3 mRNA /cds=UNKNOWN /
25	41133_at	Cluster Incl. U32519:Human GAP SH3 binding protein mRNA, complete cds /
	41215_s_at	Cluster Incl. D13891:Human mRNA for Id-2H, complete cds /cds=(96,500)
	32803_at	Cluster Incl. AF104398:Homo sapiens cornichon mRNA, complete cds /cds=(
	32850_at	Cluster Incl. Z25535:H.sapiens mRNA for nuclear pore complex protein hn
	33348_at	Cluster Incl. M80627:Human HEB helix-loop-helix protein (HEB) mRNA, com
30	34326_at	Cluster Incl. X82103:H.sapiens mRNA for beta-COP /cds=(0,911) /gb=X8210
	34393_r_at	Cluster Incl. AL050268:Homo sapiens mRNA; cDNA DKFZp564B163 (from clo
	34786_at	Cluster Incl. AB018285:Homo sapiens mRNA for KIAA0742 protein, partial
	34814_at	Cluster Incl. AL041443:DKFZp434D0717_s1 Homo sapiens cDNA, 3 end /clon
	34824_at	Cluster Incl. AB015344:Homo sapiens HRIHFB2157 mRNA, partial cds /cds=(
35	34879_at	Cluster Incl. AF007875:Homo sapiens dolichol monophosphate mannose synt
	34889_at	Cluster Incl. AA056747:zk81f02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	35258_f_at	Cluster Incl. AF030234:Homo sapiens splicing factor Sip1 mRNA, comple
	35747_at	Cluster Incl. AF035287:Homo sapiens clone 23742 mRNA, partial cds /cds=
	35790_at	Cluster Incl. AF054179:Homo sapiens H beta 58 homolog mRNA, complete cd

	35811_at	Cluster Incl. AF037204:Homo sapiens RING zinc finger protein (RZF) mRNA
	36107_at	Cluster Incl. AA845575:ak04e09.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	36110_at	Cluster Incl. M28215:Homo sapiens GTP-binding protein (RAB5) mRNA, comp
	36112_r_at	Cluster Incl. X75755:H.sapiens PR264 gene /cds=(109,774) /gb=X75755 /
5	36176_at	Cluster Incl. U61234:Human tubulin-folding cofactor C mRNA, complete cd
	36585_at	Cluster Incl. M36341:Human ADP-ribosylation factor 4 (ARF4) mRNA, compl
	36604_at	Cluster Incl. D83004:Human epidermoid carcinoma mRNA for ubiquitin-conj
	36614_at	Cluster Incl. X87949:H.sapiens mRNA for BiP protein /cds=(222,2183) /gb
	37010_at	Cluster Incl. AI203737:qf76b12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
10	37296_at	Cluster Incl. L28997:Homo sapiens ARL1 mRNA, complete cds /cds=(144,689
	37304_at	Cluster Incl. U35451:Homo sapiens heterochromatin protein p25 mRNA, com
	37334_at	Cluster Incl. U23803:Human heterogeneous ribonucleoprotein A0 mRNA, com
	37358_at	Cluster Incl. AI039880:ox97c12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	37359_at	Cluster Incl. D14658:Human mRNA for KIAA0102 gene, complete cds /cds=(3
15	37392_at	Cluster Incl. X84908:H.sapiens mRNA for phosphorylase-kinase, beta subu
	37693_at	Cluster Incl. L40393:Homo sapiens (clone S171) mRNA, complete cds /cds=
	37729_at	Cluster Incl. Y08614:Homo sapiens mRNA for CRM1 protein /cds=(38,3253)
	37734_at	Cluster Incl. D80006:Human mRNA for KIAA0184 gene, partial cds /cds=(0,
	38040_at	Cluster Incl. AF107463:Homo sapiens splicing factor mRNA, complete cds
20	38084_at	Cluster Incl. AA648295:ns20e08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	38093_at	Cluster Incl. U90909:Human clone 23722 mRNA sequence /cds=UNKNOWN
	/gb=U	
	38100_at	Cluster Incl. D87127:Homo sapiens mRNA for translocation protein-1, com
	38392_at	Cluster Incl. AF006088:Homo sapiens Arp2/3 protein complex subunit p16-
25	38402_at	Cluster Incl. U36336:Human lysosome-associated membrane protein-2b (LAM
	38409_at	Cluster Incl. M61199:Human cleavage signal 1 protein mRNA, complete cds
	38462_at	Cluster Incl. U64028:Human NADH-ubiquinone oxidoreductase subunit B13 m
	38738_at	Cluster Incl. X99584:H.sapiens mRNA for SMT3A protein /cds=(94,405) /gb
	40605_at	Cluster Incl. AA524345:ng43a06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
30	40638_at	Cluster Incl. X70944:H.sapiens mRNA for PTB-associated splicing factor
	40901_at	Cluster Incl. U17989:Homo sapiens nuclear autoantigen GS2NA mRNA, compl
	40988_at	Cluster Incl. AJ132637:Homo sapiens mRNA for ATP-dependent metalloprote
	41242_at	Cluster Incl. AB011004:Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosa
	41257_at	Cluster Incl. D16217:Human mRNA for calpastatin, complete cds /cds=(162
35	32508_at	Cluster Incl. AL096857:Novel human mRNA from chromosome 1, which has si
	33150_at	Cluster Incl. AI126004:qc50e12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	2069_s_at	L23805 /FEATURE= /DEFINITION=HUMCATENIN Human alpha1(E)-catenin
	mRNA,	

- 2044_s_at M15400 /FEATURE=mRNA /DEFINITION=HUMRBS Human retinoblastoma susceptib
- 1940_at M54968 /FEATURE= /DEFINITION=HUMKRASM Human K-ras oncogene protein mRNA,
- 5 1874_at D21090 /FEATURE= /DEFINITION=HUMHHR23B Human mRNA for XP-C repair comple
- 1848_at M22995 /FEATURE= /DEFINITION=HUMKREV1A Human ras-related protein (Krev-1
- 1857_at AF010193 /FEATURE= /DEFINITION=AF010193 Homo sapiens MAD-related gene SM
- 1480_at L12723 /FEATURE= /DEFINITION=HUMHSP70H Human heat shock protein 70 (hsp7
- 10 1463_at M93425 /FEATURE= /DEFINITION=HUMPTPEST Human protein tyrosine phosphata
- 1064_at U02680 /FEATURE= /DEFINITION=HSU02680 Human protein tyrosine kinase mRNA
- 949_s_at D78275 /FEATURE= /DEFINITION=D78275 Homo sapiens mRNA for proteasome su
- 891_at M77698 /FEATURE= /DEFINITION=HUMKRP Homo sapiens GLI-Krupple related prot
- 15 818_s_at U72936 /FEATURE= /DEFINITION=HSU72936 Homo sapiens putative DNA depende
- 763_at AB001106 /FEATURE= /DEFINITION=AB001106 Homo sapiens mRNA for glia matura
- METAGENE 158 :
- 20 31638_at Cluster Incl. AC005329:Homo sapiens chromosome 19, cosmid R34382 /cds=(
- 41047_at Cluster Incl. AI885170:wl90e10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41603_at Cluster Incl. U02609:Human transducin-like protein mRNA, complete cds /
- 32117_at Cluster Incl. U51698:HSU51698 Homo sapiens cDNA /gb=U51698 /gi=1255268
- 25 33713_at Cluster Incl. AJ005895:Homo sapiens mRNA for (JM3) preprotein transloca
- 36841_at Cluster Incl. AA811338:ob81g05.s1 Homo sapiens cDNA /clone=IMAGE-133781
- 40452_at Cluster Incl. U83246:Homo sapiens copine I mRNA, complete cds /cds=(156
- 40817_at Cluster Incl. M96824:Human nucleobindin precursor mRNA, complete cds /c
- 34868_at Cluster Incl. AB029012:Homo sapiens mRNA for KIAA1089 protein, partial
- 30 35308_at Cluster Incl. D83200:Homo sapiens mRNA expressed in placenta /cds=UNKNO
- 35768_at Cluster Incl. AB014561:Homo sapiens mRNA for KIAA0661 protein, complete
- 37768_at Cluster Incl. M74905:Human 3-alkyladenine DNA glycosylase (HAAG) mRNA,
- 39825_at Cluster Incl. L77567:Homo sapiens mitochondrial citrate transport prote
- 39863_at Cluster Incl. AB002294:Human mRNA for KIAA0296 gene, complete cds /cds=
- 35 40549_at Cluster Incl. L04658:Homo sapiens gene sequence /cds=UNKNOWN /gb=L04658
- 32523_at Cluster Incl. M20470:Human lymphocyte clathrin light-chain B mRNA, comp
- 1550_at U19796 /FEATURE= /DEFINITION=HSU19796 Human melanoma antigen p15 mRNA, c
- 1206_at X66364 /FEATURE=cds /DEFINITION=HSSTHPKE H.sapiens mRNA PSSALRE for seri
- 868_at U13991 /FEATURE= /DEFINITION=HSU13991 Human TATA-binding protein associat

283_at L16842 /FEATURE= /DEFINITION=HUMMITCORA Human ubiquinol cytochrome-c
redu

METAGENE 159 :

5

32919_at Cluster Incl. AC004010:Human BAC clone GS099H08 /cds=(0,1568) /gb=AC004
32083_at Cluster Incl. AF027826:Homo sapiens putative seven pass transmembrane p
37006_at Cluster Incl. AI660656:wf23c07.x1 Homo sapiens cDNA, 3 end /clone=IMAG

10 METAGENE 160 :

41039_at Cluster Incl. AL022476:dJ323M22.2.1 (novel protein similar to KIAA0173
41370_at Cluster Incl. AF090988:Homo sapiens U5 snRNP-specific 40 kDa protein mR
41640_at Cluster Incl. AL031427:dJ167A19.1 (novel protein) /cds=(122,1042) /gb=A
15 31868_at Cluster Incl. AF060798:Homo sapiens myristilated and palmitylated serin
34758_at Cluster Incl. U23028:Human eukaryotic initiation factor 2B-epsilon mRNA
37211_at Cluster Incl. M93107:Homo sapiens heart (R)-3-hydroxybutyrate dehydroge
38983_at Cluster Incl. AI223047:qg70a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
39001_at Cluster Incl. AF047470:Homo sapiens malate dehydrogenase precursor (MDH
20 39391_at Cluster Incl. AF052135:Homo sapiens clone 23625 mRNA sequence /cds=UNKN
39420_at Cluster Incl. S62138:TLS/CHOP=hybrid gene {translocation breakpoint} [h
40110_at Cluster Incl. U49283:Human NAD⁺-specific isocitrate dehydrogenase beta
40112_at Cluster Incl. AA522698:ni39d03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
40462_at Cluster Incl. AF055022:Homo sapiens clone 24684 mRNA sequence /cds=UNKN
25 40515_at Cluster Incl. AF035280:Homo sapiens clone 23689 mRNA, complete cds /cds
32212_at Cluster Incl. AL049703:Human gene from PAC 179D3, chromosome X, isoform
32245_at Cluster Incl. AF014837:Homo sapiens m6A methyltransferase (MT-A70) gene
33854_at Cluster Incl. AA877795:nr10g08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
37321_at Cluster Incl. U46570:Human tetratricopeptide repeat protein (tpr1) mRNA
30 37659_at Cluster Incl. L42572:Homo sapiens p87/89 gene, complete cds /cds=(92,23
37751_at Cluster Incl. D87444:Human mRNA for KIAA0255 gene, complete cds /cds=(3
38811_at Cluster Incl. D82348:Homo sapiens mRNA for 5-aminoimidazole-4-carboxami
32539_at Cluster Incl. U51205:Human COP9 homolog (HCOP9) mRNA, complete cds /cds
1842_at Oncogene Tls/Chop, Fusion Activated
35 1314_at D44466 /FEATURE= /DEFINITION=D44466 Homo sapiens mRNA for proteasome sub
356_at AB017430 /FEATURE= /DEFINITION=AB017430 Homo sapiens mRNA for kinesin-lik
109_at Z97074 /FEATURE= /DEFINITION=HSRAB9P40 Homo sapiens mRNA for Rab9 effecto

METAGENE 161 :

36872_at Cluster Incl. AL120559:DKFZp761B219_r1 Homo sapiens cDNA, 5' end /clone
 36997_at Cluster Incl. J04809:Human cytosolic adenylate kinase (AK1) gene, compl
 1379_at M59371 /FEATURE=mRNA /DEFINITION=HUMECK Human protein tyrosine kinase mRNA

5

METAGENE 162 :

31463_s_at Cluster Incl. AL022097:Homo sapiens DNA sequence from PAC 256G22 on c
 31546_at Cluster Incl. L11566:Homo sapiens ribosomal protein L18 (RPL18) mRNA, c
 10 31584_at Cluster Incl. X16064:Human mRNA for translationally controlled tumor pr
 32432_f_at Cluster Incl. L25899:Human ribosomal protein L10 mRNA, complete cds /
 32433_at Cluster Incl. Z97353:Human DNA sequence from clone 90L6 on chromosome 2
 32437_at Cluster Incl. U14970:Human ribosomal protein S5 mRNA, complete cds /cds
 32440_at Cluster Incl. X53777:Human L23 mRNA for putative ribosomal protein /cds
 15 33614_at Cluster Incl. X80822:H.sapiens mRNA for ORF /cds=(133,555) /gb=X80822 /
 33660_at Cluster Incl. U14966:Human ribosomal protein L5 mRNA, complete cds /cds
 33668_at Cluster Incl. AF037643:Homo sapiens 60S ribosomal protein L12 (RPL12) p
 34570_at Cluster Incl. S79522:ubiquitin carboxyl extension protein [human, mRNA,
 34592_at Cluster Incl. M13932:Human ribosomal protein S17 mRNA, complete cds /cd
 20 34609_g_at Cluster Incl. M24194:Human MHC protein homologous to chicken B comple
 34645_at Cluster Incl. X55715:Human Hums3 mRNA for 40S ribosomal protein s3 /cds
 34646_at Cluster Incl. Z25749:H.sapiens gene for ribosomal protein S7 /cds=(81,6
 35125_at Cluster Incl. X67309:H.sapiens gene for ribosomal protein S6 /cds=(42,7
 36333_at Cluster Incl. X57958:H.sapiens mRNA for ribosomal protein L7 /cds=(22,7
 25 36358_at Cluster Incl. U09953:Human ribosomal protein L9 mRNA, complete cds /cds
 32330_at Cluster Incl. X06617:Human mRNA for ribosomal protein S11 /cds=(15,491)
 32337_at Cluster Incl. U25789:Human ribosomal protein L21 mRNA, complete cds /cd
 32341_f_at Cluster Incl. U37230:Human ribosomal protein L23a mRNA, complete cds
 36786_at Cluster Incl. AL022721:dJ109F14.2 (60S Ribosomal Protein RPL10A) /cds=(
 30 39025_at Cluster Incl. AI557912:pro3.2-2.E07.r Homo sapiens cDNA, 5' end /clone_
 39418_at Cluster Incl. AJ007398:Homo sapiens mRNA for PBK1 protein /cds=(5,1558)
 40435_at Cluster Incl. J03592:Human ADP/ATP translocase mRNA, 3' end, clone pHAT
 41152_f_at Cluster Incl. T89651:yd99a05.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 32843_s_at Cluster Incl. M30448:Human casein kinase II beta subunit mRNA, comple
 35 34316_at Cluster Incl. W52024:zd13a03.s1 Homo sapiens cDNA, 3' end /clone=IMAGE-
 34317_g_at Cluster Incl. W52024:zd13a03.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 34380_at Cluster Incl. AC004472:Homo sapiens chromosome 9, P1 clone 11659 /cds=(
 37724_at Cluster Incl. V00568:Human mRNA encoding the c-myc oncogene /cds=(558,1
 39173_at Cluster Incl. X56597:Human humFib mRNA for fibrillarin /cds=(59,1024) /

- 39830_at Cluster Incl. AA044823:zk72a10.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 32576_at Cluster Incl. U94855:Homo sapiens translation initiation factor 3 47 kD
 33116_f_at Cluster Incl. AA977163:oq25a04.s1 Homo sapiens cDNA, 3' end /clone=IM
 33117_r_at Cluster Incl. AA977163:oq25a04.s1 Homo sapiens cDNA, 3' end /clone=IM
 5 1973_s_at V00568 /FEATURE=cds /DEFINITION=HSMYC1 Human mRNA encoding the
 c-myc o
 1653_at M84711 /FEATURE= /DEFINITION=HUMFTE1A Human v-fos transformation effecto
 1151_at Epstein-Barr Virus Small Rna-Associated Protein
 571_at M86667 /FEATURE= /DEFINITION=HUMNAP H.sapiens NAP (nucleosome assembly pr
 10 326_i_at Ribosomal Protein S20

METAGENE 163 :

- 34041_at Cluster Incl. U83171:Human macrophage-derived chemokine precursor (MDC)
 15 37511_at Cluster Incl. AB030506:Homo sapiens mRNA for B9, complete cds /cds=(158

METAGENE 164 :

- 41665_at Cluster Incl. AB020631:Homo sapiens mRNA for KIAA0824 protein, partial
 20 34697_at Cluster Incl. AF074264:Homo sapiens LDL receptor-related protein 6 (LRP
 36024_at Cluster Incl. S79048:LPRP=pHL EIF1 [human, lacrimal gland, mRNA Partial
 39762_at Cluster Incl. AB007885:Homo sapiens KIAA0425 mRNA, complete cds /cds=(1
 40811_at Cluster Incl. AB011148:Homo sapiens mRNA for KIAA0576 protein, partial
 33378_at Cluster Incl. AB019494:Homo sapiens IDN3 mRNA, partial cds /cds=(706,75
 25 33839_at Cluster Incl. D26350:Human mRNA for type 2 inositol 1,4,5-trisphosphate
 36633_at Cluster Incl. AA114830:zk88e06.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 37338_at Cluster Incl. D61391:Human mRNA for phosphoribosypyrophosphate syntheta
 38016_at Cluster Incl. M94630:Homo sapiens hnRNP-C like protein mRNA, complete c
 38400_at Cluster Incl. AI920820:wn82e10.x1 Homo sapiens cDNA, 3' end /clone=IMAG
 30 38479_at Cluster Incl. Y07969:H.sapiens mRNA for APRIL protein /cds=(230,979) /g
 41338_at Cluster Incl. AI951946:wx39f10.x1 Homo sapiens cDNA, 3' end /clone=IMAG
 1460_g_at M68941 /FEATURE=mRNA /DEFINITION=HUMPTYPH Human protein-
 tyrosine phosph

35 METAGENE 165 :

- 38921_at Cluster Incl. U86078:Homo sapiens calmodulin-stimulated phosphodiesterase
 40716_at Cluster Incl. AL049274:Homo sapiens mRNA; cDNA DKFZp564H203 (from
 clone

32248_at Cluster Incl. AL045811:DKFZp434H166_r1 Homo sapiens cDNA, 5 end /clone
 815_at U70987 /FEATURE= /DEFINITION=HSU70987 Human GAP binding protein p62dok (D
 539_at S59184 /FEATURE= /DEFINITION=S59184 RYK=related to receptor tyrosine kina

5 METAGENE 166 :

38554_at Cluster Incl. AA903720:ok60c02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35705_at Cluster Incl. D16815:Homo sapiens mRNA for EAR-1r, complete cds /cds=(3
 33172_at Cluster Incl. T75292:yc89b05.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 10 1786_at U08023 /FEATURE= /DEFINITION=HSU08023 Human cellular proto-oncogene (c-m
 1236_s_at M89914 /FEATURE= /DEFINITION=HUMNF1B Human neurofibromin (NF1)
 gene, c
 588_at M31724 /FEATURE=mRNA /DEFINITION=HUMPTPBX Human phosphotyrosyl-protein
 ph

15

METAGENE 167 :

35599_at Cluster Incl. X62250:H.sapiens mRNA for liver glycine methyltransferase
 32969_r_at Cluster Incl. Y12661:H.sapiens vgf gene /cds=(212,2062) /gb=Y12661 /g
 20 34529_at Cluster Incl. W26760:12d6 Homo sapiens cDNA /gb=W26760 /gi=1305844 /ug=
 36310_at Cluster Incl. X86570:Homo sapiens mRNA for acidic hair keratin 1 /cds=(
 37085_g_at Cluster Incl. AF088219:Homo sapiens CC chemokine gene cluster, comple
 37589_at Cluster Incl. AL109698:Homo sapiens mRNA full length insert cDNA clone
 37590_g_at Cluster Incl. AL109698:Homo sapiens mRNA full length insert cDNA clon
 25 36984_f_at Cluster Incl. X89214:H.sapiens mRNA for haptoglobin related protein /

METAGENE 168 :

33572_at Cluster Incl. U78722:Homo sapiens zinc finger protein 165 (Zpf165) mRNA
 30 38589_i_at Cluster Incl. M14630:Human prothymosin alpha mRNA, complete cds /cds=
 41667_s_at Cluster Incl. AJ006068:Homo sapiens mRNA for dTDP-D-glucose 4,6-dehyd
 36060_at Cluster Incl. U51920:Human signal recognition particle (SRP54) mRNA, co
 36913_at Cluster Incl. U75679:Human histone stem-loop binding protein (SLBP) mRN
 37533_r_at Cluster Incl. D86980:Human mRNA for KIAA0227 gene, partial cds /cds=(
 35 37640_at Cluster Incl. M31642:Human hypoxanthine phosphoribosyltransferase (HPRT
 37971_at Cluster Incl. AL050089:Homo sapiens mRNA; cDNA DKFZp586E0518 (from
 clon
 38708_at Cluster Incl. AF054183:Homo sapiens GTP binding protein mRNA, complete
 39056_at Cluster Incl. X53793:H.sapiens ADE2H1 mRNA showing homologies to SAICAR

	39079_at	Cluster Incl. D85758: Homo sapiens mRNA for human protein homologous to
	39337_at	Cluster Incl. M37583: Human histone (H2A.Z) mRNA, complete cds /cds=(106
	39353_at	Cluster Incl. AI912041: wd84b06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	39354_at	Cluster Incl. D14662: Human mRNA for KIAA0106 gene, complete cds /cds=(4
5	40407_at	Cluster Incl. U28386: Human nuclear localization sequence receptor hSRP1
	32789_at	Cluster Incl. AA149428: zl26a05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	32849_at	Cluster Incl. D80000: Human mRNA for KIAA0178 gene, partial cds /cds=(0,
	34327_at	Cluster Incl. Z46606: H.sapiens HLTF gene for helicase-like transcriptio
	35272_at	Cluster Incl. AI541042: pec1.2-1.D12.r Homo sapiens cDNA, 5 end /clone_
10	35810_at	Cluster Incl. AI525393: PT1.1_07_A11.r Homo sapiens cDNA, 5 end /clone_
	36098_at	Cluster Incl. M72709: Human alternative splicing factor mRNA, complete c
	36188_at	Cluster Incl. D32257: Human GTF3A mRNA for Xenopus transcription factor
	36576_at	Cluster Incl. AF054174: Homo sapiens histone macroH2A1.2 mRNA, complete
	36597_at	Cluster Incl. D21262: Human mRNA for KIAA0035 gene, partial cds /cds=(0,
15	36992_at	Cluster Incl. AI653621: tz21b11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	37720_at	Cluster Incl. M22382: Human mitochondrial matrix protein P1 (nuclear enc
	38065_at	Cluster Incl. X62534: H.sapiens HMG-2 mRNA /cds=(214,843) /gb=X62534 /gi
	38395_at	Cluster Incl. X61100: Human mRNA for mitochondrial 75 kDa iron sulphur p
	38399_at	Cluster Incl. AL034428: Human DNA sequence from clone 705D16 on chromoso
20	39092_at	Cluster Incl. AW007731: wt68d11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40198_at	Cluster Incl. L06132: Human voltage-dependent anion channel isoform 1 (V
	41278_at	Cluster Incl. AF041474: Homo sapiens BAF53a (BAF53a) mRNA, complete cds
	41506_at	Cluster Incl. AF032437: Homo sapiens mitogen activated protein kinase ac
	41569_at	Cluster Incl. AI680675: tx40a08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
25	32615_at	Cluster Incl. J05032: Human aspartyl-tRNA synthetase alpha-2 subunit mRN
	2003_s_at	U28946 /FEATURE= /DEFINITION=HSU28946 Human G/T mismatch binding
	prote	
	1884_s_at	M15796 /FEATURE= /DEFINITION=HUMCYL Human cyclin protein gene,
	complet	
30	1803_at	X05360 /FEATURE=cds /DEFINITION=HSCDC2 Human CDC2 gene involved in cell
	1178_at	Dihydrofolate Reductase, Alt. Splice 6
	843_at	U48296 /FEATURE= /DEFINITION=HSU48296 Homo sapiens protein tyrosine phosph
	674_g_at	J04031 /FEATURE= /DEFINITION=HUMMDMCSF Human
	methylenetetrahydrofolate	
35	575_s_at	M93036 /FEATURE=mRNA /DEFINITION=HUMGA7A08 Human (clone
	21726)	carcinom
	155_s_at	U61397 /FEATURE= /DEFINITION=HSU61397 Human ubiquitin-homology
	domain p	

METAGENE 169 :

- 32921_at Cluster Incl. X83300:H.sapiens SMA4 mRNA /cds=(66,488) /gb=X83300 /gi=6
 35442_at Cluster Incl. AB007958:Homo sapiens mRNA, chromosome 1 specific transcr
5 32125_at Cluster Incl. AA928996:oo27f06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 38308_g_at Cluster Incl. AB011179:Homo sapiens mRNA for KIAA0607 protein, partia
 38022_s_at Cluster Incl. Z54367:H.sapiens gene for plectin /cds=(0,14054) /gb=Z5
 40951_at Cluster Incl. AL049250:Homo sapiens mRNA; cDNA DKFZp564D113 (from
 clone
10 41291_at Cluster Incl. AC004528:Homo sapiens chromosome 19, cosmid R32184 /cds=(
 41800_s_at Cluster Incl. U46571:Human tetratricopeptide repeat protein (tpr2) mR
 2000_at U26455 /FEATURE= /DEFINITION=HSU26455 Human phosphatidylinositol 3-kinas

METAGENE 170 :

- 15**
 36229_at Cluster Incl. U58917:Homo sapiens IL-17 receptor mRNA, complete cds /cd
 38242_at Cluster Incl. AF068180:Homo sapiens B cell linker protein BLNK mRNA, al
 40732_at Cluster Incl. D83243:Human NPAT mRNA, complete cds /cds=(66,4349) /gb=D
 31895_at Cluster Incl. AB002803:Homo sapiens BACH1 mRNA, complete cds /cds=(118,
20 39039_s_at Cluster Incl. AI557497:Pt2.1_16_A04.r Homo sapiens cDNA, 3 end /clon
 39040_at Cluster Incl. W28360:46f9 Homo sapiens cDNA /gb=W28360 /gi=1308371 /ug=
 34306_at Cluster Incl. AB007888:Homo sapiens KIAA0428 mRNA, complete cds /cds=(1
 36579_at Cluster Incl. D50916:Human mRNA for KIAA0126 gene, complete cds /cds=(7
 36679_at Cluster Incl. X06272:Human mRNA for docking protein (signal recognition
25 37036_at Cluster Incl. AB002299:Human mRNA for KIAA0301 gene, partial cds /cds=(
 37348_s_at Cluster Incl. AA845349:ak01g01.s1 Homo sapiens cDNA, 3 end /clone=IM
 1094_g_at M65254 /FEATURE= /DEFINITION=HUMP2B Protein phosphatase 2A 65 kDa
 regu
 1038_s_at U19247 /FEATURE=mRNA /DEFINITION=HSINFGRA7 Homo sapiens
30 interferon-gam
 195_s_at U28014 /FEATURE= /DEFINITION=HSU28014 Human cysteine protease
 (ICERel-I

METAGENE 171 :

35

- 34006_s_at Cluster Incl. L26318:Human protein kinase (JNK1) mRNA, complete cds /
 37562_at Cluster Incl. L11370:Human protocadherin 42 mRNA, complete cds for abbr
 40445_at Cluster Incl. AF017307:Homo sapiens Ets-related transcription factor (E
 33448_at Cluster Incl. AB000095:Homo sapiens mRNA for hepatocyte growth factor a

- 34348_at Cluster Incl. U78095:Homo sapiens placental bikunin mRNA, complete cds
 36951_at Cluster Incl. U39400:Human NOF1 mRNA, complete cds /cds=(13,513) /gb=U3
 41310_f_at Cluster Incl. X12794:Human v-erbA related ear-2 gene /cds=(0,1211) /g
 2089_s_at H06628 /FEATURE= /DEFINITION=H06628 yl82g03.r1 Soares infant brain 1NI
5 1641_s_at U32986 /FEATURE= /DEFINITION=HSU32986 Human xeroderma pigmentosum
 grou
 1218_at X12794 /FEATURE=cds /DEFINITION=HSEAR2 Human v-erbA related ear-2 gene

METAGENE 172 :

10

- 36266_at Cluster Incl. U79275:Human clone 23947 mRNA, partial cds /cds=(0,401) /
 41688_at Cluster Incl. AI688299:wc87h10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41200_at Cluster Incl. Z22555:H.sapiens encoding CLA-1 mRNA /cds=(69,1598) /gb=Z
 540_at S67070 /FEATURE= /DEFINITION=S67070 heat shock protein HSP72 homolog [hum
15 110_at X96753 /FEATURE=cds /DEFINITION=HSMCSP H.sapiens mRNA for melanoma-associ

METAGENE 173 :

- 1454_at U68019 /FEATURE= /DEFINITION=HSU68019 Homo sapiens mad protein homolog (
20 1237_at S81914 /FEATURE= /DEFINITION=S81914 IEX-1=radiation-inducible immediate-
 497_at U32680 /FEATURE= /DEFINITION=HSU32680 Human CLN3 mRNA, complete cds

METAGENE 174 :

- 25** 31317_r_at Cluster Incl. M21388:Human unproductively rearranged Ig mu-chain mRNA
 33580_r_at Cluster Incl. Z97630:Human DNA sequence from clone 466N1 on chromosom
 33587_f_at Cluster Incl. AI369146:qy74f11.x1 Homo sapiens cDNA, 3 end /clone=IM
 34146_at Cluster Incl. AB019529:Homo sapiens mRNA for OGG1 protein type 2c, part
 35512_at Cluster Incl. AC005764:Homo sapiens chromosome 19, cosmid R31343 /cds=(
30 35941_f_at Cluster Incl. U91329:Human kinesin-like motor protein KIF1C mRNA, com
 36226_r_at Cluster Incl. W27611:35b9 Homo sapiens cDNA /gb=W27611 /gi=1307559 /u
 37413_at Cluster Incl. J05257:Homo sapiens (clones MDP4, MDP7) microsomal dipept
 38512_r_at Cluster Incl. D26158:Homo sapiens mRNA for PLE21 protein, complete cd
 38564_at Cluster Incl. U40152:Human origin recognition complex 1 (HsORC1) mRNA,
35 40006_at Cluster Incl. U63090:Human Gal beta-1,3 GalNAc alpha-2,3 sialyltransfer
 34294_at Cluster Incl. AL041493:DKFZp434F2117_s1 Homo sapiens cDNA, 3 end /clon
 34692_r_at Cluster Incl. AF006087:Homo sapiens Arp2/3 protein complex subunit p2
 37969_at Cluster Incl. M59979:Human prostaglandin endoperoxide synthase mRNA, co
 39512_s_at Cluster Incl. AA457029:aa38b10.s1 Homo sapiens cDNA, 3 end /clone=IM

- 40206_at Cluster Incl. AI767675:wh38d11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40565_at Cluster Incl. AI358867:qy24a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40960_at Cluster Incl. D29805:Human mRNA for beta-1,4-galactosyltransferase, com
 32505_at Cluster Incl. W28652:50f5 Homo sapiens cDNA /gb=W28652 /gi=1308663 /ug=
 5 32520_at Cluster Incl. M24900:Human triiodothyronine recptor (THRA1, ear1), and
 1019_g_at U81787 /FEATURE= /DEFINITION=HSU81787 Human Wnt10B mRNA,
 complete cds
 441_s_at X13967 /FEATURE=cds /DEFINITION=HSLIF Human mRNA for leukaemia
 inhibito
- 10 METAGENE 175 :
- 40400_at Cluster Incl. L22214:Human adenosine A1 receptor (ADORA1) mRNA exons 1-
 35191_at Cluster Incl. AB002373:Human mRNA for KIAA0375 gene, complete cds /cds=
 15 37553_at Cluster Incl. D50863:Human mRNA for TESK1, complete cds /cds=(272,2152)
 39721_at Cluster Incl. U09303:Human T cell leukemia LERK-2 (EPLG2) mRNA, complet
 41545_at Cluster Incl. X66365:H.sapiens mRNA PLSTIRE for serine/threonine protei
 222_at S79639 /FEATURE= /DEFINITION=S79639 EXT1=putative tumour suppressor/hered
- 20 METAGENE 176 :
- 32317_s_at Cluster Incl. U34804:Human thermostable phenol sulfotransferase (STP2
 31804_f_at Cluster Incl. X78283:H.sapiens mRNA for aryl sulfotransferase (ST1A3)
 33232_at Cluster Incl. AI017574:ou23f10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 25 40103_at Cluster Incl. X51521:Human mRNA for ezrin /cds=(117,1877) /gb=X51521 /g
 39089_at Cluster Incl. Y07604:H.sapiens mRNA for nucleoside-diphosphate kinase /
 39162_at Cluster Incl. AA156987:zl19b05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- METAGENE 177 :
- 30 33991_g_at Cluster Incl. U22961:Human mRNA clone with similarity to L-glycerol-3
 39385_at Cluster Incl. M22324:Human aminopeptidase N/CD13 mRNA encoding aminopep
- METAGENE 178 :
- 35 32392_s_at Cluster Incl. M57951:Human bilirubin UDP-glucuronosyltransferase isoz
 35013_at Cluster Incl. AF013512:untitled /cds=(106,1551) /gb=AF013512 /gi=265381
 36233_at Cluster Incl. AF091242:Homo sapiens ATP sulfurylase/APS kinase 2 mRNA,
 37482_at Cluster Incl. U37100:Homo sapiens aldose reductase-like peptide mRNA, c

- 38606_at Cluster Incl. U32989:Human tryptophan oxygenase (TDO) mRNA, complete cd
 40671_g_at Cluster Incl. AI148772:qc69h01.x1 Homo sapiens cDNA, 3 end /clone=IM
 40672_at Cluster Incl. U57721:Human L-kynurenine hydrolase mRNA, complete cds /c
 41096_at Cluster Incl. AI126134:qd77c05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 5 41471_at Cluster Incl. W72424:zd66a09.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 32805_at Cluster Incl. U05861:Human hepatic dihydrodiol dehydrogenase gene /cds=
 35315_at Cluster Incl. X02544:Human mRNA for alpha1-acid glycoprotein (orosomuco
 38789_at Cluster Incl. L12711:Homo sapiens transketolase (tk) mRNA, complete cds
 40541_at Cluster Incl. X01630:Human mRNA for argininosuccinate synthetase /cds=(
 10 576_at M93718 /FEATURE= /DEFINITION=HUMNIOXSYN Human nitric oxide synthase
 mRNA,

METAGENE 179 :

- 15 36329_at Cluster Incl. U33147:Human mammaglobin mRNA, complete cds /cds=(60,341)
 41066_at Cluster Incl. AF071219:Homo sapiens mammaglobin B precursor, mRNA, comp

METAGENE 180 :

- 20 35242_at Cluster Incl. X66362:H.sapiens mRNA PCTAIRE-3 for serine/threonine prot
 40789_at Cluster Incl. U54645:Human adenylate kinase 2B (adk2b) gene, complete c
 32239_at Cluster Incl. U69263:Human matrilin-2 precursor mRNA, partial cds /cds=
 35263_at Cluster Incl. N73769:za61g08.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 1490_at M19720 /FEATURE=mRNA#2 /DEFINITION=HUMMYC3L Human L-myc protein gene,
 25 co
 1438_at X75208 /FEATURE=cds /DEFINITION=HSPTKR H.sapiens HEK2 mRNA for protein t

METAGENE 181 :

- 30 31480_f_at Cluster Incl. L18877:Human MAGE-12 protein gene, complete cds /cds=(7
 31599_f_at Cluster Incl. U10691:Human MAGE-6 antigen (MAGE6) gene, complete cds
 34575_f_at Cluster Incl. U10689:Human MAGE-5a antigen (MAGE5a) gene, complete cd
 33517_f_at Cluster Incl. U03735:Human MAGE-3 antigen (MAGE-3) gene, complete cds
 33518_f_at Cluster Incl. L18920:Human MAGE-2 gene exons 1-4, complete cds /cds=(

35

METAGENE 182 :

- 37809_at Cluster Incl. U41813:Human class I homeoprotein (HOXA9) mRNA, partial c
 35226_at Cluster Incl. U71207:Human eyes absent homolog (Eab1) mRNA, complete cd

- 37251_s_at Cluster Incl. AF016004:Homo sapiens m6b1 mRNA, complete cds /cds=(254
 37701_at Cluster Incl. L13463:Human helix-loop-helix basic phosphoprotein (G0S8)
 873_at M26679 /FEATURE=expanded_cds /DEFINITION=HUMHOX13G Homo sapiens
 homeobox
 5 823_at U84487 /FEATURE= /DEFINITION=HSU84487 Human CX3C chemokine precursor,
 mRN

METAGENE 183 :

- 10 32313_at Cluster Incl. M12125:Human fibroblast muscle-type tropomyosin mRNA, com
 34945_at Cluster Incl. AF070526:Homo sapiens clone 24787 mRNA sequence /cds=UNKN
 35917_at Cluster Incl. W26631:34a8 Homo sapiens cDNA /gb=W26631 /gi=1307474 /ug=
 37781_at Cluster Incl. AB023138:Homo sapiens mRNA for KIAA0921 protein, partial
 38950_r_at Cluster Incl. AJ005256:Homo sapiens mRNA for MMP-23 /cds=(38,1210) /g
 15 40687_at Cluster Incl. M96789:Homo sapiens connexin 37 (GJA4) mRNA, complete cds
 41013_at Cluster Incl. AL080114:Homo sapiens mRNA; cDNA DKFZp586M2022 (from
 clon
 31856_at Cluster Incl. Z24680:H.sapiens gap gene mRNA, complete CDS /cds=(94,20
 31892_at Cluster Incl. X58288:H.sapiens hR-PTPu gene for protein tyrosine phosph
 20 32057_at Cluster Incl. U32907:Human p37NB mRNA, complete cds /cds=(281,1222) /gb
 32076_at Cluster Incl. D83407:ZAKI-4 mRNA in human skin fibroblast, complete cds
 34235_at Cluster Incl. AB018301:Homo sapiens mRNA for KIAA0758 protein, partial
 34730_g_at Cluster Incl. AB029037:Homo sapiens mRNA for KIAA1114 protein, comple
 35146_at Cluster Incl. AB007836:Homo sapiens mRNA for Hic-5, partial cds /cds=(0
 25 35168_f_at Cluster Incl. M92642:Homo sapiens alpha-1 type XVI collagen (COL16A1)
 36025_at Cluster Incl. AB002335:Human mRNA for KIAA0337 gene, complete cds /cds=
 37906_at Cluster Incl. Z37976:H.sapiens mRNA for latent transforming growth fact
 38312_at Cluster Incl. AL050002:Homo sapiens mRNA; cDNA DKFZp564O222 (from
 clone
 30 38351_at Cluster Incl. AL050154:Homo sapiens mRNA; cDNA DKFZp586L0120 (from
 clon
 38652_at Cluster Incl. AF070644:Homo sapiens clone 24742 mRNA sequence /cds=UNKN
 39026_r_at Cluster Incl. AF052114:Homo sapiens clone 23887 mRNA sequence /cds=UN
 39031_at Cluster Incl. AA152406:zo07f01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35 39750_at Cluster Incl. W61005:zd29a11.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 32845_at Cluster Incl. M85289:Human heparan sulfate proteoglycan (HSPG2) mRNA, c
 33387_at Cluster Incl. AB007854:Homo sapiens KIAA0394 mRNA, complete cds /cds=(1
 34303_at Cluster Incl. AL049949:Homo sapiens mRNA; cDNA DKFZp564L0822 (from
 clon

- 34320_at Cluster Incl. AL050224:Homo sapiens mRNA; cDNA DKFZp586L2123 (from
clon
- 36659_at Cluster Incl. X05610:Human mRNA for type IV collagen alpha (2) chain /c
- 36931_at Cluster Incl. M95787:Human 22kDa smooth muscle protein (SM22) mRNA, com
- 5 37375_at Cluster Incl. AB014538:Homo sapiens mRNA for KIAA0638 protein, partial
- 37765_at Cluster Incl. X54162:Human mRNA for a 64 Kd autoantigen expressed in th
- 38761_s_at Cluster Incl. AA487755:ab13f01.r1 Homo sapiens cDNA, 5 end /clone=IM
- 39145_at Cluster Incl. J02854:Human 20-kDa myosin light chain (MLC-2) mRNA, comp
- 39521_at Cluster Incl. U55054:Human K-C1 cotransporter (hKCC1) mRNA, complete cd
- 10 40560_at Cluster Incl. U28049:Human TBX2 (TXB2) mRNA, complete cds /cds=(47,2155
- 1767_s_at X14885 /FEATURE=mRNA /DEFINITION=HSTGF31 H.sapiens gene for
transformi
- 1664_at Insulin-Like Growth Factor 2
- 995_g_at X58288 /FEATURE=mRNA /DEFINITION=HSHRPTPU H.sapiens hR-PTPu
- 15 gene for pr

METAGENE 184 :

- 41073_at Cluster Incl. AI743745:wg53d06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 20 1683_at X69950 /FEATURE=exon#2 /DEFINITION=HSWT1WIT H.sapiens DNA sequence for W

METAGENE 185 :

- 35130_at Cluster Incl. X15722:Human mRNA for glutathione reductase (EC 1.6.4.2)
- 25 32954_at Cluster Incl. U79263:Human clone 23760 mRNA, partial cds /cds=(0,1021)
- 34484_at Cluster Incl. AI961669:wt65e11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 36783_f_at Cluster Incl. M55422:Human Krueppel-related zinc finger protein (H-pl
- 32626_at Cluster Incl. M90516:Human glutamine-fructose-6-phosphate amidotransfer
- 34667_at Cluster Incl. U15306:Human cysteine-rich sequence-specific DNA-binding
- 30 34683_at Cluster Incl. U63289:Human RNA-binding protein CUG-BP/hNab50 (NAB50) mR
- 37913_at Cluster Incl. J00140:Human dihydrofolate reductase gene /cds=(42,605) /
- 40784_at Cluster Incl. Z69030:H.sapiens mRNA for gamma 1 isoform of 61kDa regula
- 40785_g_at Cluster Incl. Z69030:H.sapiens mRNA for gamma 1 isoform of 61kDa regu
- 40846_g_at Cluster Incl. U10324:Human nuclear factor NF90 mRNA, complete cds /cd
- 35 32185_at Cluster Incl. U00946:Human clone A9A2BRB5 (CAC)n/(GTG)n repeat-containi
- 32790_at Cluster Incl. D59253:Human mRNA for NCBP interacting protein 1, complet
- 33823_at Cluster Incl. D12676:Human mRNA for lysosomal sialoglycoprotein, comple
- 34855_at Cluster Incl. X76770:H.sapiens PAP mRNA /cds=UNKNOWN /gb=X76770
- /gi=556

- 40621_at Cluster Incl. U63809:Homo sapiens prostate apoptosis response protein p
- 41320_s_at Cluster Incl. U69609:Human transcriptional repressor (GCF2) mRNA, com
- 41598_at Cluster Incl. AA890010:aj89h08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41842_at Cluster Incl. AI701156:we10f09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 5 1986_at X74594 /FEATURE=cds /DEFINITION=HSRB2P130 H.sapiens mRNA for Rb2/p130 pr
- 1660_at D83004 /FEATURE= /DEFINITION=D83004 Human epidermoid carcinoma mRNA for
- 1617_at D21205 /FEATURE= /DEFINITION=HUMERFP Human mRNA for estrogen responsive
- 1592_at J04088 /FEATURE= /DEFINITION=HUMTOPII Human DNA topoisomerase II (top2)
- 944_s_at D49354 /FEATURE= /DEFINITION=HUMHSP70A Human mRNA for enhancer
- 10 protein
- 322_at D88532 /FEATURE= /DEFINITION=D88532 Homo sapiens mRNA for p55pik, complet
- 160027_s_at Y00285 /FEATURE=cds /DEFINITION=HSIGFIIR Human mRNA for insuline-lik
- 15 METAGENE 186 :
- 32378_at Cluster Incl. M26252:Human TCB gene encoding cytosolic thyroid hormone-
- 39322_at Cluster Incl. AL109693:Homo sapiens mRNA full length insert cDNA clone
- 33802_at Cluster Incl. Z82244:bK286B10.2 (Heme Oxygenase 1 (HO-1, EC 1.14.99.3))
- 20 36465_at Cluster Incl. U51127:Human interferon regulatory factor 5 (Humirf5) mRN
- 35820_at Cluster Incl. X62078:H.sapiens mRNA for GM2 activator protein /cds=UNKN
- 38064_at Cluster Incl. X79882:H.sapiens lrp mRNA /cds=(105,2795) /gb=X79882 /gi=
- 478_g_at U51127 /FEATURE= /DEFINITION=HSU51127 Human interferon regulatory facto
- 25 467_at U63717 /FEATURE= /DEFINITION=HSU63717 Homo sapiens osteoclast stimulating
- METAGENE 187 :
- 32975_g_at Cluster Incl. U07563:Human ABL gene, exon 1b and intron 1b, and putat
- 30 37188_at Cluster Incl. X92720:H.sapiens mRNA for phosphoenolpyruvate carboxykina
- 40778_at Cluster Incl. AF035555:Homo sapiens short chain L-3-hydroxyacyl-CoA deh
- 32203_at Cluster Incl. AA160708:zo72c02.r1 Homo sapiens cDNA, 5 end /clone=IMAG
- 36600_at Cluster Incl. L07633:Homo sapiens (clone 1950.2) interferon-gamma IEF S
- 37311_at Cluster Incl. AF010400:untitled /cds=(50,1063) /gb=AF010400 /gi=2612878
- 35 38089_at Cluster Incl. D63478:Human mRNA for KIAA0144 gene, complete cds /cds=(1
- 33154_at Cluster Incl. D26600:Human mRNA for proteasome subunit HsN3, complete c
- 1833_at M68520 /FEATURE= /DEFINITION=HUMCDC2A Human cdc2-related protein kinase
- 1695_at D23662 /FEATURE= /DEFINITION=HUMULP Homo sapiens mRNA for ubiquitin-like
- 1515_at Rad2

1311_at D26600 /FEATURE= /DEFINITION=HUMPSH3 Human mRNA for proteasome subunit H

METAGENE 188 :

- 5** 39598_at Cluster Incl. X04325:Human liver mRNA for gap junction protein /cds=(62
 35285_at Cluster Incl. AF007216:Homo sapiens sodium bicarbonate cotransporter (H
 39914_r_at Cluster Incl. W28976:54e5 Homo sapiens cDNA /gb=W28976 /gi=1308924 /u
 1954_at AF035121 /FEATURE= /DEFINITION=AF035121 Homo sapiens KDR/flk-1 protein m

10 METAGENE 189 :

- 35837_at Cluster Incl. AJ224677:Homo sapiens mRNA for scrapie responsive protein
 41260_at Cluster Incl. U59321:Human DEAD-box protein p72 (P72) mRNA, complete cd

15 METAGENE 190 :

- 38163_at Cluster Incl. AB018294:Homo sapiens mRNA for KIAA0751 protein, complete
 38855_s_at Cluster Incl. D82343:Homo sapiens mRNA for AMY, complete cds /cds=(28
 41395_at Cluster Incl. AB003791:Homo sapiens mRNA for keratan sulfate Gal-6-sulf
20 32103_at Cluster Incl. M20786:Human alpha-2-plasmin inhibitor gene /cds=(4,1479)
 34222_at Cluster Incl. AL035289:H.sapiens gene from PAC 1026E2, partial /cds=(1,
 33890_at Cluster Incl. AB008109:Homo sapiens mRNA for RGS5, complete cds /cds=(8
 36134_at Cluster Incl. U79299:Human neuronal olfactomedin-related ER localized p

25 METAGENE 191 :

- 37521_s_at Cluster Incl. H82458:yv80b07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 38965_at Cluster Incl. M55172:Human large aggregating cartilage proteoglycan cor
 39207_r_at Cluster Incl. X17406:Human mRNA for cartilage specific proteoglycan /
30 33738_r_at Cluster Incl. AI871359:wl81b11.x1 Homo sapiens cDNA, 3 end /clone=IM
 39808_at Cluster Incl. Y12692:Homo sapiens mRNA for WNT11 gene /cds=(123,1187) /
 1346_at S72043 /FEATURE=mRNA /DEFINITION=S72043 GIF=growth inhibitory factor [hu
 586_s_at M31153 /FEATURE=cds /DEFINITION=HUMCYP178 Human steroid 17-alpha-hydrox

35

METAGENE 192 :

- 36215_at Cluster Incl. M34181:Human testis-specific cAMP-dependent protein kinas
 36745_at Cluster Incl. AF035308:Homo sapiens clone 23798 and 23825 mRNA sequence

37605_at Cluster Incl. L10347:Human pro-alpha1 type II collagen (COL2A1) gene ex
 41544_at Cluster Incl. AF059617:Homo sapiens serum-inducible kinase mRNA, comple
 1197_at D00654 /FEATURE=cds /DEFINITION=HUMACTSG7 Homo sapiens gene for enteric

5 METAGENE 193 :

41054_at Cluster Incl. AB006628:Homo sapiens mRNA for KIAA0290 gene, partial cds
 41423_at Cluster Incl. AB018269:Homo sapiens mRNA for KIAA0726 protein, complete
 39400_at Cluster Incl. AB028978:Homo sapiens mRNA for KIAA1055 protein, partial
 10 770_at D00632 /FEATURE= /DEFINITION=HUMGSHPX A Homo sapiens mRNA for glutathione

METAGENE 194 :

39611_at Cluster Incl. AI557322:PT2.1_16_F11.r Homo sapiens cDNA, 3 end /clone_
 15 35720_at Cluster Incl. AB020700:Homo sapiens mRNA for KIAA0893 protein, complete
 36526_at Cluster Incl. AF000416:Homo sapiens EXT-like protein 2 (EXTL2) mRNA, co
 40069_at Cluster Incl. AF051850:Homo sapiens supervillin mRNA, complete cds /cds
 40805_at Cluster Incl. AB007900:Homo sapiens KIAA0440 mRNA, partial cds /cds=(0,
 41136_s_at Cluster Incl. Y00264:Human mRNA for amyloid A4 precursor of Alzheimer
 20 41196_at Cluster Incl. L38951:Homo sapiens importin beta subunit mRNA, complete
 32182_at Cluster Incl. AB023182:Homo sapiens mRNA for KIAA0965 protein, partial
 33827_at Cluster Incl. AL049783:Novel human gene mapping to chromosome 13 /cds=(1
 35299_at Cluster Incl. AB000409:Homo sapiens mRNA for MNK1, complete cds /cds=(1
 36601_at Cluster Incl. M33308:Human vinculin mRNA, complete cds /cds=(50,3250) /
 25 38842_at Cluster Incl. AB023206:Homo sapiens mRNA for KIAA0989 protein, partial

METAGENE 195 :

35531_at Cluster Incl. AB007933:Homo sapiens mRNA for KIAA0464 protein, complete
 30 36761_at Cluster Incl. AL079276:Homo sapiens mRNA full length insert cDNA clone
 41365_at Cluster Incl. Y09788:H.sapiens MUC5B gene /cds=(0,2538) /gb=Y09788 /gi=
 35148_at Cluster Incl. AC005954:Homo sapiens chromosome 19, cosmid R28784 /cds=(
 35621_at Cluster Incl. L77213:Homo sapiens phosphomevalonate kinase mRNA, comple
 37567_at Cluster Incl. X98834:H.sapiens mRNA for zinc finger protein, Hsa12 /cds
 35 39010_at Cluster Incl. AI658639:tu06g05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40521_at Cluster Incl. AL050259:Homo sapiens mRNA; cDNA DKFZp547D0710 (from
 clon
 34798_at Cluster Incl. Z35491:H.sapiens mRNA for novel glucocorticoid receptor-a
 34835_at Cluster Incl. D87442:Human mRNA for KIAA0253 gene, partial cds /cds=(0,

- 37405_at Cluster Incl. U29091:Human selenium-binding protein (hSBP) mRNA, comple
 40210_at Cluster Incl. X75593:H.sapiens mRNA for rab 13 /cds=(139,750) /gb=X7559
 40575_at Cluster Incl. AB011155:Homo sapiens mRNA for KIAA0583 protein, partial
 41816_at Cluster Incl. AL049851:Human DNA sequence from clone 889J22B on chromos
5 32558_at Cluster Incl. AB021868:Homo sapiens PIAS3 mRNA for protein inhibitor of
 684_at K02215 /FEATURE=mRNA#1 /DEFINITION=HUMANG Human angiotensinogen
 mRNA, com
 361_at Y13620 /FEATURE= /DEFINITION=HSRNABCL9 Homo sapiens mRNA for BCL9 gene

10 METAGENE 196 :

1500_at X51630 /FEATURE=mRNA /DEFINITION=HSWT1 Human Wilms tumor WT1 mRNA
 for zi
 960_g_at Guanine Nucleotide-Binding Protein G25k

15

METAGENE 197 :

- 41420_at Cluster Incl. AF055033:Homo sapiens clone 24645 insulin-like growth fac
 38650_at Cluster Incl. L27560:Human insulin-like growth factor binding protein 5
20 1677_at M65062 /FEATURE= /DEFINITION=HUMIGFBP6 Human insulin-like growth factor
 1678_g_at M65062 /FEATURE= /DEFINITION=HUMIGFBP6 Human insulin-like growth
 facto
 1601_s_at L27559 /FEATURE=mRNA /DEFINITION=HUMIGFBP04 Human insulin-like
 growth
25 1396_at L27560 /FEATURE=mRNA /DEFINITION=HUMIGFBP5X Human insulin-like growth fa

METAGENE 198 :

- 39214_at Cluster Incl. U52111:plexin related protein /cds=(0,1418) /gb=U52111 /g
30 39569_at Cluster Incl. U72849:untitled /cds=(98,6199) /gb=U72849 /gi=4097997 /ug
 41719_i_at Cluster Incl. AF009767:AF009767 Homo sapiens cDNA /clone=C97A-12 /gb=
 31903_at Cluster Incl. AB014593:Homo sapiens mRNA for KIAA0693 protein, partial
 34261_at Cluster Incl. D84307:Homo sapiens mRNA for phosphoethanolamine cytidyly
 35683_at Cluster Incl. AB020659:Homo sapiens mRNA for KIAA0852 protein, complete
35 38633_at Cluster Incl. U35113:Human metastasis-associated mta1 mRNA, complete cd
 39773_at Cluster Incl. W28235:43h8 Homo sapiens cDNA /gb=W28235 /gi=1308183 /ug=
 40476_s_at Cluster Incl. U58198:Human interleukin enhancer binding factor 3 mRNA
 41122_at Cluster Incl. AB011173:Homo sapiens mRNA for KIAA0601 protein, partial
 41773_at Cluster Incl. U58048:Human metalloproteinase PRSM1 mRNA, complete cds /c

- 39159_at Cluster Incl. X99656:H.sapiens mRNA for protein containing SH3 domain,
 40182_s_at Cluster Incl. AF055027:Homo sapiens clone 24658 mRNA sequence /cds=UN
 32608_at Cluster Incl. AF000560:Homo sapiens TTF-I interacting peptide 20 mRNA,
 1643_g_at U35113 /FEATURE= /DEFINITION=HSU35113 Human metastasis-associated
5 mta1

METAGENE 199 :

- 31499_s_at Cluster Incl. X16863:Human Fc-gamma RIII-1 cDNA for Fc-gamma receptor
10 31608_g_at Cluster Incl. AJ002428:Homo sapiens VDAC1 pseudogene /cds=(0,853) /gb
 31691_g_at Cluster Incl. U08997:Human glutamate dehydrogenase gene, complete cds
 31951_s_at Cluster Incl. Z48501:H.sapiens mRNA for polyadenylate binding protein
 34642_at Cluster Incl. U28964:Homo sapiens 14-3-3 protein mRNA, complete cds /cd
 34648_at Cluster Incl. Z12830:H.sapiens mRNA for SSR alpha subunit /cds=(29,889)
15 36414_s_at Cluster Incl. AF032119:Homo sapiens hCASK (CASK) mRNA, complete cds /
 37770_at Cluster Incl. AF026445:Homo sapiens cofactor of initiator function (CIF
 34735_at Cluster Incl. U43195:Human Rho-associated, coiled-coil containing prote
 40096_at Cluster Incl. D14710:Human mRNA for ATP synthase alpha subunit, complet
 40132_g_at Cluster Incl. D89937:Homo sapiens mRNA for follistatin-related protei
20 40440_at Cluster Incl. AL080119:Homo sapiens mRNA; cDNA DKFZp564M2423 (from
 clon
 40441_g_at Cluster Incl. AL080119:Homo sapiens mRNA; cDNA DKFZp564M2423 (from cl
 40487_at Cluster Incl. W26634:34b10 Homo sapiens cDNA /gb=W26634 /gi=1307477 /ug
 41739_s_at Cluster Incl. M83216:Human aorta caldesmon mRNA, complete cds /cds=(2
25 33367_s_at Cluster Incl. D88674:Homo sapiens mRNA for antizyme inhibitor, comple
 34305_at Cluster Incl. Z29505:H.sapiens mRNA for nucleic acid binding protein su
 34350_at Cluster Incl. X64838:H.sapiens mRNA for restin /cds=(132,4415) /gb=X648
 35339_at Cluster Incl. AI743606:wg51f08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 35737_at Cluster Incl. U90549:Human non-histone chromosomal protein (NHC) mRNA,
30 35784_at Cluster Incl. U64520:Human synaptobrevin-3 mRNA, complete cds /cds=(24,
 35788_at Cluster Incl. W28994:54h7 Homo sapiens cDNA /gb=W28994 /gi=1308960 /ug=
 35806_at Cluster Incl. W26854:17b4 Homo sapiens cDNA /gb=W26854 /gi=1306217 /ug=
 35812_at Cluster Incl. AJ133769:Homo sapiens mRNA for nuclear transport receptor
 36684_at Cluster Incl. M21154:Human S-adenosylmethionine decarboxylase mRNA, com
35 38085_at Cluster Incl. AI740522:wg16b07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 38446_at Cluster Incl. X56199:Human XIST, coding sequence a mRNA (locus DXS399
 39471_at Cluster Incl. Z48042:H.sapiens mRNA encoding GPI-anchored protein p137
 39873_at Cluster Incl. X66360:H.sapiens mRNA PCTAIRE-2 for serine/threonine prot
 40555_at Cluster Incl. AL043108:DKFZp434C0823_r1 Homo sapiens cDNA, 5 end /clon

- 40618_at Cluster Incl. H15872:ym22b12.r1 Homo sapiens cDNA, 5' end /clone=IMAGE-
- 40634_at Cluster Incl. M86667:H.sapiens NAP (nucleosome assembly protein) mRNA,
- 41300_s_at Cluster Incl. AA477898:zu34f08.r1 Homo sapiens cDNA, 5' end /clone=IM
- 41594_at Cluster Incl. M64174:Human protein-tyrosine kinase (JAK1) mRNA, complet
- 5 32548_at Cluster Incl. L24804:Human (p23) mRNA, complete cds /cds=(232,714) /gb=
- 32571_at Cluster Incl. X68836:H.sapiens mRNA for S-adenosylmethionine synthetase
- 32586_at Cluster Incl. D86971:Human mRNA for KIAA0217 gene, partial cds /cds=(0,
- 2033_s_at U10564 /FEATURE= /DEFINITION=HSU10564 Human CDK tyrosine 15-kinase
- WEE
- 10 1959_at D88674 /FEATURE= /DEFINITION=D88674 Homo sapiens mRNA for antizyme inhib
- 1906_at Ras Inhibitor Inf
- 1903_at Ras-Related Protein Rap1b
- 1844_s_at L05624 /FEATURE= /DEFINITION=HUMMKK Homo sapiens MAP kinase
- kinase mRN
- 15 1824_s_at J05614 /FEATURE=mRNA /DEFINITION=HUMPCNAPRM Human
- proliferating cell n
- 1710_s_at U07804 /FEATURE= /DEFINITION=HSU07804 Human DNA topoisomerase I
- mRNA,
- 1670_at L23959 /FEATURE= /DEFINITION=HUMDP1A Homo sapiens E2F-related transcript
- 20 1318_at X74262 /FEATURE=cds /DEFINITION=HSRBAP48 H.sapiens RbAp48 mRNA encoding
- 1189_at X85753 /FEATURE= /DEFINITION=HSCDK8 Homo sapiens mRNA for CDK8 protein k
- 1161_at J04988 /FEATURE=cds /DEFINITION=HUMHSP90B Human 90 kD heat shock protein
- 1074_at M28209 /FEATURE= /DEFINITION=HUMRAB1A Homo sapiens GTP-binding protein (
- 953_g_at Fk506-Binding Protein, Alt. Splice 2
- 25 869_at U14193 /FEATURE= /DEFINITION=HSU14193 Human TFIIA gamma subunit mRNA,
- com
- 777_at D13988 /FEATURE= /DEFINITION=HUMRABGDI Human rab GDI mRNA, complete
- cds
- 642_s_at L76528 /FEATURE=expanded_cds /DEFINITION=HUMPS1A11 Homo sapiens
- 30 presen
- 504_at U39318 /FEATURE= /DEFINITION=HSU39318 Human E2 ubiquitin conjugating enzy
- 466_at U77948 /FEATURE= /DEFINITION=HSU77948 Human Bruton s tyrosine kinase-asso
- 442_at X15187 /FEATURE=cds /DEFINITION=HSTRA1 Human tra1 mRNA for human
- homologu
- 35 398_at X98743 /FEATURE=cds /DEFINITION=HSRNAHELC H.sapiens mRNA for RNA
- helicase
- 351_f_atD28423 /FEATURE= /DEFINITION=HUMPSF82 Human mRNA for pre-mRNA splicing
- 312_s_at Focal Adhesion Kinase

226_at M33336 /FEATURE= /DEFINITION=HUMCAMPPK Human cAMP-dependent protein
kinas

227_g_at M33336 /FEATURE= /DEFINITION=HUMCAMPPK Human cAMP-dependent
protein kin

5

METAGENE 200 :

- | | | |
|----|------------|--|
| | 38531_at | Cluster Incl. AA428150:zw57c05.s1 Homo sapiens cDNA, 3 end /clone=IMAG |
| | 32731_at | Cluster Incl. AB018247:Homo sapiens mRNA for Fe65L2, complete cds /cds= |
| 10 | 34285_at | Cluster Incl. AB018338:Homo sapiens mRNA for KIAA0795 protein, partial |
| | 35212_at | Cluster Incl. AF064801:Homo sapiens multiple membrane spanning receptor |
| | 36451_at | Cluster Incl. AI743299:wg91b04.x1 Homo sapiens cDNA, 3 end /clone=IMAG |
| | 38644_at | Cluster Incl. U14588:Human paxillin mRNA, complete cds /cds=(74,1747) / |
| | 39399_at | Cluster Incl. AJ006417:Homo sapiens mRNA for beta-tubulin folding cofac |
| 15 | 32757_at | Cluster Incl. U84720:Homo sapiens mRNA export protein (RAE1) mRNA, comp |
| | 37339_at | Cluster Incl. U20657:Human ubiquitin protease (Unph) proto-oncogene mRNA |
| | 37342_s_at | Cluster Incl. AF070531:Homo sapiens clone 24764 mRNA sequence /cds=UN |
| | 37400_at | Cluster Incl. J03068:Human DNF1552 (lung) mRNA, complete cds /cds=(292, |
| | 40546_s_at | Cluster Incl. AF047185:Homo sapiens NADH-ubiquinone oxidoreductase su |
| 20 | 41251_at | Cluster Incl. L40410:Homo sapiens thyroid receptor interactor (TRIP3) m |

METAGENE 201 :

- | | | |
|----|------------|--|
| | 35467_g_at | Cluster Incl. W73046:zd54h09.r1 Homo sapiens cDNA, 5 end /clone=IMAG |
| 25 | 38234_at | Cluster Incl. M99438:Human transducin-like enhancer protein (TLE3) mRNA |
| | 32715_at | Cluster Incl. N90862:zb11b06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE- |
| | 35657_at | Cluster Incl. U08998:Human TAR RNA binding protein 2 (TRBP2) mRNA, comp |
| | 35715_at | Cluster Incl. AL080071:Homo sapiens mRNA; cDNA DKFZp564M082 (from
clone |
| 30 | 38970_s_at | Cluster Incl. AJ011896:Homo sapiens mRNA for HIV-1, Nef-associated fa |
| | 39340_at | Cluster Incl. M16424:Human beta-hexosaminidase alpha chain (HEXA) gene |
| | 40068_at | Cluster Incl. U26648:Homo sapiens syntaxin 5 mRNA, complete cds /cds=(2 |
| | 41775_at | Cluster Incl. AF064084:Homo sapiens prenylcysteine carboxyl methyltrans |
| | 33860_at | Cluster Incl. AB007931:Homo sapiens mRNA for KIAA0462 protein, partial |
| 35 | 34789_at | Cluster Incl. S69272:cytoplasmic antiproteinase=38 kda intracellular se |
| | 36673_at | Cluster Incl. X76057:H.sapiens PMI1 mRNA for phosphomannose isomerase / |
| | 38424_at | Cluster Incl. AB018290:Homo sapiens mRNA for KIAA0747 protein, partial |
| | 39516_at | Cluster Incl. AI827793:wf33b11.x1 Homo sapiens cDNA, 3 end /clone=IMAG |
| | 39921_at | Cluster Incl. AI526089:DU3.2-7.H07.r Homo sapiens cDNA, 5 end /clone_e |

33106_at Cluster Incl. U22662:Human nuclear orphan receptor LXR-alpha mRNA, comp
512_at U22662 /FEATURE= /DEFINITION=HSU22662 Human nuclear orphan receptor LXR-a

METAGENE 202 :

5

31906_at Cluster Incl. AF068754:Homo sapiens heat shock factor binding protein 1
38498_at Cluster Incl. Z99916:Human DNA sequence from clone 221G9 on chromosome
39581_at Cluster Incl. AA570193:nf38c11.s1 Homo sapiens cDNA /clone=IMAGE-916052
41097_at Cluster Incl. AF002999:Homo sapiens TTAGGG repeat binding factor 2 (hTR

10

38664_at Cluster Incl. AB009285:Homo sapiens BCNT mRNA, complete cds /cds=(109,1
38706_at Cluster Incl. AA552140:ng48e07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
40822_at Cluster Incl. L41067:Homo sapiens NF-AT4c mRNA, complete cds /cds=(210,
34310_at Cluster Incl. Y00486:Human APRT gene for adenine phosphoribosyltransfer
34336_at Cluster Incl. D32053:Homo sapiens mRNA for Lysyl tRNA Synthetase, compl

15

34340_at Cluster Incl. AA173896:zp03b02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
34810_at Cluster Incl. AC004382:Homo sapiens Chromosome 16 BAC clone CIT987SK-A-
35364_at Cluster Incl. U50939:Human amyloid precursor protein-binding protein 1
35769_at Cluster Incl. AJ011001:Homo sapiens mRNA for TM7XN1 protein /cds=(316,2
36964_at Cluster Incl. D42053:Human mRNA for KIAA0091 gene, complete cds /cds=(4

20

40276_at Cluster Incl. D50063:Human mRNA for proteasome subunit p40_ / Mov34 prot
1594_at J05448 /FEATURE= /DEFINITION=HUMRPOLAA Human RNA polymerase subunit
hRPB

945_at D50063 /FEATURE= /DEFINITION=HUMP40MOV Human mRNA for proteasome
subunit

25

323_at Serine Kinase Psk-H1

METAGENE 203 :

35060_at Cluster Incl. U51224:Human U2AFBPL gene, complete cds /cds=(111,1550) /
30 34987_s_at Cluster Incl. X79536:H.sapiens mRNA for hnRNPcore protein A1 /cds=(26
34989_at Cluster Incl. U09414:Human zinc finger protein ZNF137 mRNA, complete cd
35405_at Cluster Incl. X52520:Human mRNA for tyrosine aminotransferase (TAT) (EC
35936_g_at Cluster Incl. Y08683:H.sapiens mRNA for carnitine palmitoyltransferas
38164_at Cluster Incl. U57629:Human retinitis pigmentosa GTPase regulator (RPGR)
35 39314_at Cluster Incl. X77533:H.sapiens mRNA for activin type II receptor /cds=(
40377_at Cluster Incl. AB014582:Homo sapiens mRNA for KIAA0682 protein, complete
33766_at Cluster Incl. X77777:H.sapiens intestinal VIP receptor related protein
35228_at Cluster Incl. Y08682:H.sapiens mRNA for carnitine palmitoyltransferase
36458_at Cluster Incl. AB023235:Homo sapiens mRNA for KIAA1018 protein, complete

	37628_at	Cluster Incl. M69177:Human monoamine oxidase B (MAOB) mRNA, complete cd
	39356_at	Cluster Incl. AB007899:Homo sapiens KIAA0439 mRNA, partial cds /cds=(0,
	39437_at	Cluster Incl. Z78324:HSZ78324 Homo sapiens cDNA /clone=2.45-(CEPH) /gb=
	41205_at	Cluster Incl. U84404:Human E6-associated protein E6-AP/ubiquitin-protei
5	41219_at	Cluster Incl. AL050376:Homo sapiens mRNA; cDNA DKFZp586J101 (from clone
	41766_at	Cluster Incl. D55649:Human mRNA for alpha mannosidase II isozyme, compl
	32218_at	Cluster Incl. AF034176:AF034176 Homo sapiens cDNA /clone=ntcon5-contig
	32223_at	Cluster Incl. AB002363:Human mRNA for KIAA0365 gene, partial cds /cds=(
	32253_at	Cluster Incl. AB007927:Homo sapiens mRNA for KIAA0458 protein, complete
10	32259_at	Cluster Incl. AB002386:Human mRNA for KIAA0388 gene, complete cds /cds=
	32809_at	Cluster Incl. AL118582:DKFZp761B0810_r1 Homo sapiens cDNA, 5 end/clon
	34299_at	Cluster Incl. AL096880:Novel human mRNA containing Zinc finger C2H2 typ
	34801_at	Cluster Incl. AB014610:Homo sapiens mRNA for KIAA0710 protein, complete
	35354_at	Cluster Incl. AL022326:dJ333H23.2.2 (Synaptogyrin 1A (SYNGR1A)) /cds=(4
15	35809_g_at	Cluster Incl. AL031681:dJ862K6.2.2 (splicing factor, arginine/serine-
	36093_at	Cluster Incl. AB014514:Homo sapiens mRNA for KIAA0614 protein, partial
	36961_at	Cluster Incl. AL050286:Homo sapiens mRNA; cDNA DKFZp586A011 (from
	clone	
	38090_at	Cluster Incl. AL050371:Homo sapiens mRNA; cDNA DKFZp566G2246 (from
20	clon	
	38103_at	Cluster Incl. AB014542:Homo sapiens mRNA for KIAA0642 protein, partial
	40569_at	Cluster Incl. M58297:Human zinc finger protein 42 (MZF-1) mRNA, complet
	41243_at	Cluster Incl. AB007916:Homo sapiens mRNA for KIAA0447 protein, complete
	33136_at	Cluster Incl. AL031714:Human DNA sequence from clone 356B7 on chromosom
25	33188_at	Cluster Incl. U37221:Human cyclophilin-like protein mRNA, partial cds /
	1873_at	D21089 /FEATURE= /DEFINITION=HUMXPCR Human mRNA for XP-C repair
	compleme	
	487_g_at	U60521 /FEATURE= /DEFINITION=HSU60521 Human protease proMch6
	(Mch6) mRN	
30		
	METAGENE 204 :	
	35016_at	Cluster Incl. M13560:Human Ia-associated invariant gamma-chain gene /cd
	33956_at	Cluster Incl. AB018549:Homo sapiens MD-2 mRNA, complete cds /cds=(125,6
35	35869_at	Cluster Incl. AB020499:Homo sapiens BCG-regulated mRNA for MD-1 homolog
	35926_s_at	Cluster Incl. AF004230:Homo sapiens monocyte/macrophage Ig-related re
	36753_at	Cluster Incl. AF072099:Homo sapiens immunoglobulin-like transcript 3 pr
	36773_f_at	Cluster Incl. M81141:Human MHC class II HLA-DQ-beta mRNA (DR7 DQw2),
	38213_at	Cluster Incl. U78027:Homo sapiens Brutons tyrosine kinase (BTK), alpha-

	39319_at	Cluster Incl. U20158:Human 76 kDa tyrosine phosphoprotein SLP-76 mRNA,
	39591_s_at	Cluster Incl. Z36531:H.sapiens mRNA for fibrinogen-like protein (pT49
	39593_at	Cluster Incl. AI432401:tg73b09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40019_at	Cluster Incl. M60830:Human EVI2B3P gene, exon and complete cds /cds=(21
5	40702_at	Cluster Incl. X13274:Human mRNA for interferon IFN-gamma /cds=(108,608)
	41409_at	Cluster Incl. AF044896:Homo sapiens ICB-1 mRNA, complete cds /cds=(128,
	41609_at	Cluster Incl. U15085:Human HLA-DMB mRNA, complete cds /cds=(233,1024) /
	34268_at	Cluster Incl. X91809:H.sapiens mRNA for GAIP protein /cds=(288,941) /gb
	34660_at	Cluster Incl. AI142565:qb47d08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
10	34663_at	Cluster Incl. M28696:Human low-affinity IgG Fc receptor (beta-Fc-gamma-
	34748_at	Cluster Incl. AB020653:Homo sapiens mRNA for KIAA0846 protein, complete
	35633_at	Cluster Incl. D87457:Human mRNA for KIAA0281 gene, complete cds /cds=(1
	36878_f_at	Cluster Incl. M60028:Human MHC class II HLA-DQ-beta (DQB1,DQw9), comp
	36889_at	Cluster Incl. M33195:Human Fc-epsilon-receptor gamma-chain mRNA, comple
15	37177_at	Cluster Incl. Y00636:Human mRNA for lymphocyte function associated anti
	37918_at	Cluster Incl. M15395:Human leukocyte adhesion protein (LFA-1/Mac-1/p150
	37975_at	Cluster Incl. X04011:Human mRNA of X-CGD gene involved in chronic granu
	38363_at	Cluster Incl. W60864:zd27g05.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	39733_at	Cluster Incl. AF055001:Homo sapiens clone 24560 unknown mRNA, complete
20	40081_at	Cluster Incl. L26232:Human phospholipid transfer protein mRNA, complete
	40518_at	Cluster Incl. Y00062:Human mRNA for T200 leukocyte common antigen (CD45
	41723_s_at	Cluster Incl. M32578:Human MHC class II HLA-DR beta-1 mRNA (DR2.3), 5
	32227_at	Cluster Incl. X17042:Human mRNA for hematopoietic proteoglycan core prot
	33871_s_at	Cluster Incl. J02876:Human placental folate binding protein mRNA, com
25	34375_at	Cluster Incl. M28225:Human JE gene encoding a monocyte secretory protei
	35261_at	Cluster Incl. W07033:za93f08.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	36207_at	Cluster Incl. D67029:Human SEC14L mRNA, complete cds /cds=(303,2450) /g
	36589_at	Cluster Incl. X15414:Human mRNA for aldose reductase (EC 1.1.1.2) /cds=
	36674_at	Cluster Incl. J04130:Human activation (Act-2) mRNA, complete cds /cds=(
30	37023_at	Cluster Incl. J02923:Human 65-kilodalton phosphoprotein (p65) mRNA, com
	37039_at	Cluster Incl. J00194:human hla-dr antigen alpha-chain mrna & ivs fragme
	37328_at	Cluster Incl. X07743:Human mRNA for pleckstrin (P47) /cds=(60,1112) /gb
	37344_at	Cluster Incl. X62744:Human RING6 mRNA for HLA class II alpha chain-like
	37759_at	Cluster Incl. U51240:Human lysosomal-associated multitransmembrane prot
35	38095_i_at	Cluster Incl. M83664:Human MHC class II lymphocyte antigen (HLA-DP) b
	38096_f_at	Cluster Incl. M83664:Human MHC class II lymphocyte antigen (HLA-DP) b
	38378_at	Cluster Incl. M37033:Human CD53 glycoprotein mRNA, complete cds /cds=(9
	38796_at	Cluster Incl. X03084:Human mRNA for C1q B-chain of complement system /c
	38833_at	Cluster Incl. X00457:Human mRNA for SB classII histocompatibility antig

- 39182_at Cluster Incl. U87947:Human hematopoietic neural membrane protein (HNMP-
 41352_at Cluster Incl. X62822:H.sapiens gene encoding beta-galactoside alpha-2,6
 2045_s_at M16592 /FEATURE=mRNA /DEFINITION=HUMHCKB Human hemopoietic
 cell protei
- 5** 1919_at X16316 /FEATURE=cds /DEFINITION=HSVAVPO Human mRNA for vav oncogene
 1867_at AF005775 /FEATURE= /DEFINITION=AF005775 Homo sapiens caspase-like apopto
 1426_at D89077 /FEATURE= /DEFINITION=D89077 Homo sapiens mRNA for Src-like adapt
 1427_g_at D89077 /FEATURE= /DEFINITION=D89077 Homo sapiens mRNA for Src-like
 ada
- 10** 1061_at U00672 /FEATURE= /DEFINITION=U00672 Human interleukin-10 receptor mRNA,
 925_at J03909 /FEATURE= /DEFINITION=HUMIIP Human gamma-interferon-inducible prot
 875_g_at M26683 /FEATURE= /DEFINITION=HUMIFNIND Human interferon gamma
 treatment
 649_s_at L06797 /FEATURE= /DEFINITION=HUMGPCR Human (clone L5) orphan G
15 protein-

METAGENE 205 :

- 32109_at Cluster Incl. AA524547:ng45h04.s1 Homo sapiens cDNA, 3 end /clone=IMAG
20 38307_at Cluster Incl. AB011179:Homo sapiens mRNA for KIAA0607 protein, partial

METAGENE 206 :

- 32998_at Cluster Incl. L19315:Human cholecystokinin A receptor mRNA, complete cd
25 33058_at Cluster Incl. Y17282:Homo sapiens mRNA for cytokeratin type II /cds=(18
 34164_at Cluster Incl. R42599:yg02e11.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 35104_r_at Cluster Incl. M26682:Human T-cell translocation gene 1 (Ttg-1) mRNA,
 34442_at Cluster Incl. U72943:U72943 Homo sapiens cDNA /gb=U72943 /gi=5763294 /u
 34502_g_at Cluster Incl. L40992:Homo sapiens (clone PEBP2aA1) core-binding facto
30 35912_at Cluster Incl. AJ010901:Homo sapiens MUC4 gene, 3 flanking region /cds=(
 37415_at Cluster Incl. AB018258:Homo sapiens mRNA for KIAA0715 protein, partial
 37839_at Cluster Incl. AL109700:Homo sapiens mRNA full length insert cDNA clone
 38154_at Cluster Incl. AF038199:Homo sapiens clone 23728 mRNA sequence /cds=UNKN
 37921_at Cluster Incl. U61849:Human neuronal pentraxin 1 (NPTX1) mRNA, complete
35 39332_at Cluster Incl. AF035316:Homo sapiens clone 23678 mRNA, partial cds /cds=
 35343_at Cluster Incl. M37400:Human cytosolic aspartate aminotransferase mRNA, c
 37049_g_at Cluster Incl. U58970:Human putative outer mitochondrial membrane 34 k
 41537_r_at Cluster Incl. L31881:Human nuclear factor I-X mRNA, complete cds /cds

- 1331_s_at U83598 /FEATURE= /DEFINITION=HSU83598 Human death domain receptor 3
so
- 1280_i_at Serine/Threonine Kinase
- 736_f_atD87002 /FEATURE=cds#2 /DEFINITION=D87002 Homo sapiens immunoglobulin la
- 5 255_s_at M13981 /FEATURE= /DEFINITION=HUMINHA Human inhibin A-subunit
mRNA, comp
- 170_at U51096 /FEATURE= /DEFINITION=HSU51096 Human homeobox protein Cdx2 mRNA,
c
- 114_r_atX14474 /FEATURE=cds /DEFINITION=HSTAU1 Human mRNA for microtubule-assoc
- 10 METAGENE 207 :
- 39572_at Cluster Incl. AI401567:tg28f02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 40395_at Cluster Incl. AB007932:Homo sapiens mRNA for KIAA0463 protein, partial
- 15 32095_at Cluster Incl. AB018267:Homo sapiens mRNA for KIAA0724 protein, complete
- 32130_at Cluster Incl. W25984:17e5 Homo sapiens cDNA /gb=W25984 /gi=1306251 /ug=
- 33782_r_at Cluster Incl. AA587372:nn82f03.s1 Homo sapiens cDNA, 3 end /clone=IM
- 34177_at Cluster Incl. AF038660:Homo sapiens chromosome 1p33-p34 beta-1,4-galact
- 36460_at Cluster Incl. AF008442:Homo sapiens RNA polymerase I subunit hRPA39 mRN
- 20 36524_at Cluster Incl. AB029035:Homo sapiens mRNA for KIAA1112 protein, partial
- 38004_at Cluster Incl. X96753:H.sapiens mRNA for melanoma-associated chondroitin
- 39370_at Cluster Incl. W28807:52a3 Homo sapiens cDNA /gb=W28807 /gi=1308755 /ug=
- 40408_at Cluster Incl. L06845:Human cysteinyl-tRNA synthetase mRNA, partial cds
- 36184_at Cluster Incl. L06419:Homo sapiens lysyl hydroxylase (PLOD) mRNA, comple
- 25 36983_f_at Cluster Incl. X00442:Human mRNA for haptoglobin alpha(2FS)-beta precu
- 37377_i_at Cluster Incl. M13452:Human lamin A mRNA, 3end /cds=(0,1547) /gb=M1345
- METAGENE 208 :
- 30 35884_at Cluster Incl. Y07829:Homo sapiens RFB30 gene for RING finger protein /c
- 35898_at Cluster Incl. AF100780:Homo sapiens connective tissue growth factor rel
- 35965_at Cluster Incl. X51757:Human heat-shock protein HSP70B gene /cds=(0,1931)
- 39673_i_at Cluster Incl. AB011792:Homo sapiens mRNA for extracellular matrix pro
- 40328_at Cluster Incl. X99268:H.sapiens mRNA for B-HLH DNA binding protein /cds=
- 35 40681_at Cluster Incl. AB008375:Homo sapiens mRNA for osteoblast specific cystei
- 40698_at Cluster Incl. X96719:H.sapiens mRNA for AICL (activation-induced C-type
- 33328_at Cluster Incl. W28612:49b3 Homo sapiens cDNA /gb=W28612 /gi=1308560 /ug=
- 34262_at Cluster Incl. Y15909:Homo sapiens mRNA for dia-156 protein /cds=(350,36
- 36533_at Cluster Incl. D83402:Homo sapiens gene for prostacyclin synthase /cds=(

	36834_at	Cluster Incl. AL080058:Homo sapiens mRNA; cDNA DKFZp564G202 (from clone
	36856_at	Cluster Incl. W28743:51a9 Homo sapiens cDNA /gb=W28743 /gi=1308691 /ug=
	39007_at	Cluster Incl. M55593:Human collagenase type IV (CLG4) gene /cds=(289,22
5	39409_at	Cluster Incl. M14058:Human complement C1r mRNA, complete cds /cds=(63,2
	39775_at	Cluster Incl. X54486:Human gene for C1-inhibitor /cds=(60,1562) /gb=X54
	40496_at	Cluster Incl. J04080:Human complement component C1r mRNA, complete cds
	40856_at	Cluster Incl. U29953:Human pigment epithelium-derived factor gene, comp
	32193_at	Cluster Incl. AF030339:Homo sapiens receptor for viral semaphorin prote
10	32249_at	Cluster Incl. M65292:Human factor H homologue mRNA, complete cds /cds=(
	32250_at	Cluster Incl. X07523:Human mRNA for truncated form of complement factor
	37402_at	Cluster Incl. D26129:Human mRNA for ribonuclease A (RNase A), complete
	38057_at	Cluster Incl. AL049798:Human DNA sequence from clone 797M17 on chromoso
	38059_g_at	Cluster Incl. Z22865:H.sapiens dermatopontin mRNA, complete CDS /cds=
15	38379_at	Cluster Incl. X76534:H.sapiens NMB mRNA /cds=(91,1773) /gb=X76534 /gi=6
	38487_at	Cluster Incl. D87433:Human mRNA for KIAA0246 gene, partial cds /cds=(0,
	1375_s_at	M32304 /FEATURE= /DEFINITION=HUMMET Human metalloproteinase inhibitor
20	METAGENE 209 :	
	33235_at	Cluster Incl. AB023155:Homo sapiens mRNA for KIAA0938 protein, complete
	34257_at	Cluster Incl. AB014605:Homo sapiens mRNA for KIAA0705 protein, complete
	37983_at	Cluster Incl. S77410:type 1 angiotensin II receptor [human, liver, mRNA
25	33158_at	Cluster Incl. M97252:Homo sapiens Kallmann syndrome (KAL) mRNA, complet
	346_s_at	D13814 /FEATURE= /DEFINITION=HUMAGRT1B Homo sapiens mRNA for angiotensi
	METAGENE 210 :	
30		
	36432_at	Cluster Incl. AL079298:Homo sapiens mRNA full length insert cDNA clone
	39663_at	Cluster Incl. D63998:Human mRNA for golgi alpha-mannosidaseII, complete
	33741_at	Cluster Incl. AI741756:wg22e12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35217_at	Cluster Incl. AL049404:Homo sapiens mRNA; cDNA DKFZp586F0219 (from
35	clon	
	37215_at	Cluster Incl. AF046798:untitled /cds=(113,2656) /gb=AF046798 /gi=317040
	37252_at	Cluster Incl. U44755:Human PSE-binding factor PTF delta subunit mRNA, c
	38610_s_at	Cluster Incl. X14487:Human gene for acidic (type I) cytokeratin 10 /c
	40151_s_at	Cluster Incl. Z48054:H.sapiens mRNA for peroxisomal targeting signal

- 32153_s_at Cluster Incl. U49869:Human ubiquitin gene, complete cds /cds=(94,783)
- 33918_s_at Cluster Incl. AJ223349:Homo sapiens mRNA for HIRIP3 protein, clone pH
- 34404_at Cluster Incl. W28167:43a1 Homo sapiens cDNA /gb=W28167 /gi=1308115 /ug=
- 35322_at Cluster Incl. D50922:Human mRNA for KIAA0132 gene, complete cds /cds=(1
- 5 36128_at Cluster Incl. L40397:Homo sapiens (clone S31i125) mRNA, 3 end of cds /
- 37715_at Cluster Incl. AF045184:Homo sapiens nuclear receptor coactivator NCoA-6
- 39133_at Cluster Incl. AI525379:PT1.1_06_H01.r Homo sapiens cDNA, 5 end /clone_
- 39178_at Cluster Incl. L10333:Homo sapiens neuroendocrine-specific protein A (NS
- 40274_at Cluster Incl. U48213:Human D-site binding protein gene, promoter region
- 10 40903_at Cluster Incl. AL049929:Homo sapiens mRNA; cDNA DKFZp547O0510 (from
clon
- 1433_g_at U68019 /FEATURE= /DEFINITION=HSU68019 Homo sapiens mad protein
homolog
- 15 METAGENE 211 :
- 34162_at Cluster Incl. D84111:Homo sapiens mRNA for RBP-MS/type 5, partial cds /
- 34163_g_at Cluster Incl. D84111:Homo sapiens mRNA for RBP-MS/type 5, partial cds
- 38047_at Cluster Incl. D84109:Homo sapiens mRNA for RBP-MS/type 3, complete cds
- 20 38049_g_at Cluster Incl. D84110:Homo sapiens mRNA for RBP-MS/type 4, complete cd
- 1276_g_at D84110 /FEATURE= /DEFINITION=D84110 Homo sapiens mRNA for RBP-
MS/type
- METAGENE 212 :
- 25
- 36253_at Cluster Incl. AI131030:qb82f10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 37146_at Cluster Incl. AB007864:Homo sapiens KIAA0404 mRNA, partial cds /cds=(0,
- 39211_at Cluster Incl. AF091080:Homo sapiens clone 614 unknown mRNA, complete se
- 39675_at Cluster Incl. AF009243:Homo sapiens proline-rich Gla protein 2 (PRGP2)
- 30 41622_r_at Cluster Incl. AA868898:ak55b08.s1 Homo sapiens cDNA, 3 end /clone=IM
- 32058_at Cluster Incl. AF070594:Homo sapiens clone 24570 HNK-1 sulfotransferase
- 33287_at Cluster Incl. AA533071:nj19e03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 33289_f_at Cluster Incl. D88827:Homo sapiens mRNA for zinc finger protein FPM315
- 34661_at Cluster Incl. AB002348:Human mRNA for KIAA0350 gene, partial cds /cds=(
- 35 36520_at Cluster Incl. AB014590:Homo sapiens mRNA for KIAA0690 protein, partial
- 38000_at Cluster Incl. S72370:pyruvate carboxylase [human, kidney, mRNA, 4017 nt
- 38971_r_at Cluster Incl. AJ011896:Homo sapiens mRNA for HIV-1, Nef-associated fa
- 40123_at Cluster Incl. D87435:Human mRNA for KIAA0248 gene, partial cds /cds=(0,
- 34858_at Cluster Incl. D79998:Human mRNA for KIAA0176 gene, partial cds /cds=(0,

- 35791_at Cluster Incl. AF038961:Homo sapiens SL15 protein mRNA, complete cds /cd
 38845_at Cluster Incl. R89044:ym99b08.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 39896_at Cluster Incl. AB011149:Homo sapiens mRNA for KIAA0577 protein, complete
 1171_s_at Transcription Factor Oct-1a/1b, Alt. Splice 2, Oct-1b
5 465_at U74667 /FEATURE= /DEFINITION=HSU74667 Human tat interactive protein (TIP6

METAGENE 213 :

- 38219_at Cluster Incl. D10656:Human mRNA for CRK-II, complete cds /cds=(105,1019
10 38226_at Cluster Incl. W27152:23h11 Homo sapiens cDNA /gb=W27152 /gi=1306731 /ug
 39708_at Cluster Incl. L29277:Homo sapiens DNA-binding protein (APRF) mRNA, comp
 33417_at Cluster Incl. D31886:Human mRNA for KIAA0066 gene, partial cds /cds=(0,
 38757_at Cluster Incl. U41745:Human PDGF associated protein mRNA, complete cds /
 39810_at Cluster Incl. AC005253:Homo sapiens chromosome 19, cosmid R26445 /cds=(
15 40935_at Cluster Incl. W28516:47h7 Homo sapiens cDNA /gb=W28516 /gi=1308464 /ug=
 41528_at Cluster Incl. W72239:zd62h08.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 2049_s_at M29039 /FEATURE=cds /DEFINITION=HUMJUNCAA Human transactivator
 (jun-B)
 1856_at X75042 /FEATURE=cds /DEFINITION=HSRNAREL H.sapiens rel proto-oncogene mR
20 1747_at AD000092 /FEATURE=cds#2 /DEFINITION=CH19HHR23 Homo sapiens DNA from chro
 1750_at AD000092 /FEATURE=cds#5 /DEFINITION=CH19HHR23 Homo sapiens DNA from chro
 1753_s_at AD000092 /FEATURE=cds#7 /DEFINITION=CH19HHR23 Homo sapiens DNA
 from ch
 835_at U41745 /FEATURE= /DEFINITION=HSU41745 Human PDGF associated protein mRNA,
25 476_s_at U50079 /FEATURE= /DEFINITION=HSU50079 Human histone deacetylase HD1
 mRN
 422_s_at X66867 /FEATURE=cds#2 /DEFINITION=HSMAXG H.sapiens max gene
 399_at X99325 /FEATURE=cds /DEFINITION=HSSTE20 H.sapiens mRNA for Ste20-like kin
 289_at L29277 /FEATURE= /DEFINITION=HUMAPRF Homo sapiens DNA-binding protein (AP
30 108_g_at Z95624 /FEATURE=cds /DEFINITION=HSU237H1 Human DNA sequence from
 cosmid
 160044_g_at NM_001098 /FEATURE=mRNA /DEFINITION=Homo sapiens aconitase 2,
 mitoch

35 METAGENE 214 :

- 37600_at Cluster Incl. U68186:Human extracellular matrix protein 1 mRNA, complet
 37614_g_at Cluster Incl. X63578:H.sapiens gene for parvalbumin /cds=(77,403) /gb
 39352_at Cluster Incl. S70585:thyroid-stimulating hormone alpha subunit [human,

METAGENE 215 :

- 5 39607_at Cluster Incl. AL080178:Homo sapiens mRNA; cDNA DKFZp434K171 (from clone
- 41672_at Cluster Incl. AF007128:Homo sapiens clone 23870 mRNA sequence /cds=UNKN
- 31869_at Cluster Incl. AB014540:Homo sapiens mRNA for KIAA0640.protein, partial
- 38267_at Cluster Incl. AI928365:wo96d08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 32846_s_at Cluster Incl. D13629:Human mRNA for KIAA0004 gene, complete cds /cds=
- 10 35327_at Cluster Incl. U54559:Homo sapiens translation initiation factor eIF3 p4
- 37709_at Cluster Incl. M86934:Human GS1 (protein of unknown function) mRNA, comp

METAGENE 216 :

- 15 39610_at Cluster Incl. X16665:Human HOX2H mRNA from the Hox2 locus /cds=(78,1148
- 33219_at Cluster Incl. AB029020:Homo sapiens mRNA for KIAA1097 protein, partial
- 34728_g_at Cluster Incl. AI800578:wg12b07.x1 Homo sapiens cDNA, 3 end /clone=IM
- 35187_at Cluster Incl. AL080216:Homo sapiens mRNA; cDNA DKFZp586K1123 (from clon
- 20 35340_at Cluster Incl. AI819948:wj88e11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 39814_s_at Cluster Incl. AI052724:oz27a12.x1 Homo sapiens cDNA, 3 end /clone=IM

METAGENE 217 :

- 25 34494_at Cluster Incl. AJ003125:Homo sapiens mRNA for procollagen I-N proteinase
- 37823_at Cluster Incl. Y16645:Homo sapiens mRNA for monocyte chemotactic protein
- 40310_at Cluster Incl. AF051152:Homo sapiens Toll/interleukin-1 receptor-like pr
- 41870_at Cluster Incl. AF030428:Homo sapiens lung type-I cell membrane-associate
- 34217_at Cluster Incl. AB015132:Homo sapiens UKLF mRNA for ubiquitous Kruppel li
- 30 37542_at Cluster Incl. D86961:Human mRNA for KIAA0206 gene, partial cds /cds=(0,
- 38819_at Cluster Incl. U33635:Human colon carcinoma kinase-4 (CCK4) mRNA, comple
- 760_at Y09216 /FEATURE= /DEFINITION=HSDYRK2 H.sapiens mRNA for protein kinase, D
- 160023_at X07876 /FEATURE=cds /DEFINITION=HSIRP Human mRNA for irp protein (int-
- 35

METAGENE 218 :

- 32909_at Cluster Incl. U46569:Human aquaporin-5 (AQP5) gene /cds=(0,797) /gb=U46
- 39253_s_at Cluster Incl. M29893:Human low molecular mass GTP-binding protein (ra

	39267_at	Cluster Incl. AF102265:Homo sapiens N-acetylglucosamine-phosphate mutas
	33796_at	Cluster Incl. U73960:Human ADP-ribosylation factor-like protein 4 mRNA,
	37534_at	Cluster Incl. Y07593:H.sapiens mRNA for 46 kDa coxsackievirus and adeno
	39338_at	Cluster Incl. AI201310:qf71b11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
5	33402_at	Cluster Incl. AL035081:H.sapiens mRNA similar to Xenopus laevis mRNA fo
	35367_at	Cluster Incl. AB006780:Homo sapiens mRNA for galectin-3, complete cds /
	36192_at	Cluster Incl. D83777:Human mRNA for KIAA0193 gene, complete cds /cds=(3
	1877_g_at	Guanine Nucleotide-Binding Protein Ral, Ras-Oncogene Related
10	METAGENE 219 :	
	36354_at	Cluster Incl. AL049689:Novel human mRNA from chromosome 1, similar to T
	39271_at	Cluster Incl. AA461365:zx70e07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
	39577_at	Cluster Incl. AL050024:Homo sapiens mRNA; cDNA DKFZp564D206 (from
15	clone	
	40017_at	Cluster Incl. AL050214:Homo sapiens mRNA; cDNA DKFZp586H2123 (from
	clon	
	40304_at	Cluster Incl. M69225:Human bullous pemphigoid antigen (BPAG1) mRNA, com
	40339_at	Cluster Incl. U95367:Human GABA-A receptor pi subunit mRNA, complete cd
20	41618_at	Cluster Incl. M91669:Human Bullous pemphigoid autoantigen BP180 gene, 3
	33272_at	Cluster Incl. AA829286:of08a01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	36018_at	Cluster Incl. AJ001183:Homo sapiens mRNA for Sox10 protein /cds=(120,15
	36838_at	Cluster Incl. AF055481:Homo sapiens normal epithelial cell-specific 1 (
	36929_at	Cluster Incl. U17760:Human laminin S B3 chain (LAMB3) gene /cds=(399,39
25	37582_at	Cluster Incl. X07696:Human mRNA for cytokeratin 15 /cds=(61,1431) /gb=X
	37954_at	Cluster Incl. X16662:Human mRNA for vascular anticoagulant-beta (VAC-be
	39052_at	Cluster Incl. J00124:Homo sapiens 50 kDa type I epidermal keratin gene,
	34301_r_at	Cluster Incl. Z19574:H.sapiens gene for cytokeratin 17 /cds=(64,1362)
	34820_at	Cluster Incl. M57399:Human nerve growth factor (HBNF-1) mRNA, complète
30	35280_at	Cluster Incl. Z15008:H.sapiens mRNA for laminin /cds=(117,3698) /gb=Z15
	32521_at	Cluster Incl. AF056087:Homo sapiens secreted frizzled related protein m
	1898_at	L24203 /FEATURE= /DEFINITION=HUMDK Homo sapiens ataxia-telangiectasia gr
	862_at	U04313 /FEATURE= /DEFINITION=HSU04313 Human maspin mRNA, complete cds
	668_s_at	L22524 /FEATURE=expanded_cds /DEFINITION=HUMMATRY06 Human
35	matrilysin ge	
	613_at	M21389 /FEATURE=mRNA /DEFINITION=HUMKER2A Human keratin type II (58 kD)
	m	

METAGENE 220 :

33792_at Cluster Incl. AF043498:Homo sapiens prostate stem cell antigen (PSCA) m
 37185_at Cluster Incl. Y00630:Human mRNA for Arg-Serpin (plasminogen activator-i
 41163_at Cluster Incl. AL109672:Homo sapiens mRNA full length insert cDNA clone

5

METAGENE 221 :

34625_at Cluster Incl. X05153:Human alpha-lactalbumin gene /cds=(26,454) /gb=X05
 36852_at Cluster Incl. U42349:Human N33 mRNA, complete cds /cds=(157,1203) /gb=U
 10 39351_at Cluster Incl. M84349:Human transmembrane protein (CD59) gene /cds=(18,4
 39717_g_at Cluster Incl. AI597616:tn15f08.x1 Homo sapiens cDNA, 3 end /clone=IM
 40475_at Cluster Incl. AJ000388:Homo sapiens mRNA for calpain-like protease CANP
 35738_at Cluster Incl. AI347088:qp60d09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 36196_at Cluster Incl. U24183:Human phosphofructokinase (PFKM) mRNA, complete cd
 15 37707_i_at Cluster Incl. M81118:Human alcohol dehydrogenase chi polypeptide (ADH
 38797_at Cluster Incl. D31887:Human mRNA for KIAA0062 gene, partial cds /cds=(0,
 40213_at Cluster Incl. M88163:Human global transcription activator homologous se
 1389_at J03779 /FEATURE=mRNA /DEFINITION=HUMCALLA Human common acute
 lymphoblast

20

METAGENE 222 :

36792_at Cluster Incl. Z24727:H.sapiens tropomyosin isoform mRNA, complete CDS /
 32094_at Cluster Incl. AB017915:Homo sapiens mRNA for condoroitin 6-sulfotransfe
 25 36536_at Cluster Incl. AF070614:Homo sapiens clone 24732 unknown mRNA, partial c
 36543_at Cluster Incl. J02931:Human placental tissue factor (two forms) mRNA, co
 38692_at Cluster Incl. AF045451:Homo sapiens transcriptional regulatory protein
 39329_at Cluster Incl. X15804:Human mRNA for alpha-actinin /cds=(198,2876) /gb=X
 39691_at Cluster Incl. AB007960:chromosome 1 specific transcript KIAA0491 /cds=U
 30 40109_at Cluster Incl. J03161:Human serum response factor (SRF) mRNA, complete c
 32260_at Cluster Incl. X86809:H.sapiens mRNA for major astrocytic phosphoprotein
 33876_at Cluster Incl. AL050107:Homo sapiens mRNA; cDNA DKFZp586I1419 (from clon
 34403_at Cluster Incl. U58516:Human breast epithelial antigen BA46 mRNA, complet
 34818_at Cluster Incl. X96381:H.sapiens erm gene, exon 2,3,4,5 (and joined CDS)
 35 37745_s_at Cluster Incl. U15780:Human p82 (ST5) mRNA, alternatively spliced, com
 38421_at Cluster Incl. AF070546:Homo sapiens clone 24607 mRNA sequence /cds=UNKN
 39098_at Cluster Incl. X52896:H.sapiens RNA for dermal fibroblast elastin /cds=U
 39170_at Cluster Incl. AL049957:Homo sapiens mRNA; cDNA DKFZp564J0323 (from clon
 40279_at Cluster Incl. D50911:Human mRNA for KIAA0121 gene, complete cds /cds=(4

METAGENE 223 :

- 40755_at Cluster Incl. X92841:H.sapiens MICA gene /cds=(39,1196) /gb=X92841 /gi=
5 32623_at Cluster Incl. AJ225028:Homo sapiens mRNA for GABA-B R1a receptor /cds=(
 35352_at Cluster Incl. AB002305:Human mRNA for KIAA0307 gene, complete cds /cds=
 33169_at Cluster Incl. U61262:Human neogenin mRNA, complete cds /cds=(136,4521)
 631_g_at L39874 /FEATURE=expanded_cds /DEFINITION=HUMDODDA Homo sapiens
 deoxycyt

10

METAGENE 224 :

- 35408_i_at Cluster Incl. X16281:Human mRNA for zinc finger protein (clone 431) /
 33314_at Cluster Incl. U69141:Human glutaryl-CoA dehydrogenase mRNA, complete cd
15 34291_at Cluster Incl. U07424:Human putative tRNA synthetase-like protein mRNA,
 35135_at Cluster Incl. X13956:Human 12S RNA induced by poly(rI), poly(rC) and Ne
 38311_at Cluster Incl. AF055012:Homo sapiens clone 24615 mRNA sequence /cds=UNKN
 39729_at Cluster Incl. L19185:Human natural killer cell enhancing factor (NKEFB)
 41197_at Cluster Incl. D21235:Human mRNA for HHR23A protein, complete cds /cds=(
20 36623_at Cluster Incl. AB011406:Homo sapiens mRNA for alkaline phosphatase, compl
 37721_at Cluster Incl. U79262:Human deoxyhypusine synthase mRNA, complete cds /c
 37722_s_at Cluster Incl. U26266:Human deoxyhypusine synthase mRNA, complete cds
 1751_g_at AD000092 /FEATURE=cds#5 /DEFINITION=CH19HHR23 Homo sapiens DNA
 from ch

25

METAGENE 225 :

- 38545_at Cluster Incl. M31682:Human testicular inhibin beta-B-subunit mRNA, 3 e
 36502_at Cluster Incl. AB020641:Homo sapiens mRNA for KIAA0834 protein, complete
30 33878_at Cluster Incl. W27472:31d4 Homo sapiens cDNA /gb=W27472 /gi=1307276 /ug=
 36937_s_at Cluster Incl. U90878:Homo sapiens carboxyl terminal LIM domain protei

METAGENE 226 :

- 35** 33630_s_at Cluster Incl. AF026488:Homo sapiens beta III spectrin (SPTBN2) mRNA,
 38138_at Cluster Incl. D38583:Human mRNA for calgizzarin, complete cds /cds=(120
 38161_at Cluster Incl. Y09022:H.sapiens mRNA for Not56-like protein /cds=(31,134
 38172_at Cluster Incl. AB003151:Homo sapiens DNA, chromosome 21q22.2, PAC clone
 39262_at Cluster Incl. U79266:Human clone 23627 mRNA, complete cds /cds=(184,104

	39651_at	Cluster Incl. AB006532:Homo sapiens RecQ4 mRNA for DNA helicase, comple
	40695_at	Cluster Incl. J05272:Human IMP dehydrogenase type 1 mRNA complete cds /
	41037_at	Cluster Incl. U63824:Human transcription factor RTEF-1 (RTEF1) mRNA, co
	31858_at	Cluster Incl. X07315:Human gene for PP15 (placental protein 15) /cds=(9
5	32028_at	Cluster Incl. U85773:Human phosphomannomutase (PMM2) mRNA, complete cds
	32702_at	Cluster Incl. U04810:Human tasin mRNA, complete cds /cds=(110,2446) /g
	33282_at	Cluster Incl. U42408:Human ladinin (LAD) mRNA, complete cds /cds=(219,1
	33307_at	Cluster Incl. AL022316:Human DNA sequence from clone 126B4 on chromosom
	35620_at	Cluster Incl. AF043250:Homo sapiens mitochondrial outer membrane protei
10	35714_at	Cluster Incl. U89606:Human pyridoxal kinase mRNA, complete cds /cds=(6,
	35723_at	Cluster Incl. D16581:Human mRNA for 8-oxo-dGTPase, complete cds /cds=(2
	37945_at	Cluster Incl. U91316:Human acyl-CoA thioester hydrolase mRNA, complete
	38618_at	Cluster Incl. AC002073:Human PAC clone DJ515N1 from 22q11.2-q22 /cds=(0
	39020_at	Cluster Incl. U82938:Human CD27BP (Siva) mRNA, complete cds /cds=(252,8
15	39059_at	Cluster Incl. AF034544:Homo sapiens delta7-sterol reductase mRNA, compl
	39062_at	Cluster Incl. AL008726:dJ337O18.2 (Lysosomal Protective Protein precurs
	39074_at	Cluster Incl. U79241:Human clone 23759 mRNA, partial cds /cds=(0,1315)
	39704_s_at	Cluster Incl. L17131:Human high mobility group protein (HMG-I(Y)) gen
	41732_at	Cluster Incl. AA310786:EST181572 Homo sapiens cDNA, 5 end /clone=ATCC-
20	32186_at	Cluster Incl. M80244:Human E16 mRNA, complete cds /cds=(310,1035) /gb=M
	32229_at	Cluster Incl. AF038957:Homo sapiens translation initiation factor 4e mR
	34865_at	Cluster Incl. AI360249:qy84f07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35326_at	Cluster Incl. AF004876:Homo sapiens 54TMP (54tm) mRNA, complete cds /cd
	36185_at	Cluster Incl. D32050:Human mRNA for alanyl-tRNA synthetase, complete cd
25	36678_at	Cluster Incl. D21261:Human mRNA for KIAA0120 gene, complete cds /cds=(7
	38414_at	Cluster Incl. U05340:Human p55CDC mRNA, complete cds /cds=(110,1609) /g
	38808_at	Cluster Incl. D64154:Human mRNA for Mr 110,000 antigen, complete cds /c
	39812_at	Cluster Incl. X79865:H.sapiens Mrp17 mRNA /cds=(137,733) /gb=X79865 /gi
	40195_at	Cluster Incl. X14850:Human H2A.X mRNA encoding histone H2A.X /cds=(73,5
30	40619_at	Cluster Incl. M91670:Human ubiquitin carrier protein (E2-EPF) mRNA, com
	32536_at	Cluster Incl. Z37986:H.sapiens mRNA for phenylalkylamine binding protei
	33206_at	Cluster Incl. C18655:C18655 Homo sapiens cDNA, 5 end /clone=GEN-565G08
	2028_s_at	M96577 /FEATURE= /DEFINITION=HUME2F Homo sapiens (E2F-1) pRB-
	binding p	
35	1196_at	D00591 /FEATURE=exons#7-14 /DEFINITION=HUMRCC1 Homo sapiens RCC1 gene, e
	893_at	M91670 /FEATURE= /DEFINITION=HUME2EPI Human ubiquitin carrier protein (E2
	894_g_at	M91670 /FEATURE= /DEFINITION=HUME2EPI Human ubiquitin carrier
	protein (

480_at U56816 /FEATURE= /DEFINITION=HSU56816 Human kinase Myt1 (Myt1) mRNA,
comp

160037_at Z48482 /FEATURE=cds /DEFINITION=HSMMPM2 H.sapiens mRNA for
membrane-ty

5

METAGENE 227 :

36924_r_at Cluster Incl. M25756:Human secretogranin II gene, complete cds /cds=(
39008_at Cluster Incl. M13699:Human ceruloplasmin (ferroxidase) mRNA, complete c
10 36622_at Cluster Incl. AI989422:ws25a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
37019_at Cluster Incl. J00129:Human fibrinogen beta-chain mRNA, partial cds /cds
1713_s_at U26727 /FEATURE= /DEFINITION=HSU26727 Human p16INK4/MTS1 mRNA,
complet

15 METAGENE 228 :

31790_at Cluster Incl. AL049801:Novel human gene mapping to chromosome 13, simila
31862_at Cluster Incl. L20861:Homo sapiens proto-oncogene (Wnt-5a) mRNA, complet
36925_at Cluster Incl. L26336:Human heat shock protein HSPA2 gene, complete cds
20 37642_at Cluster Incl. D63877:Human mRNA for KIAA0157 gene, partial cds /cds=(0,
41747_s_at Cluster Incl. U49020:Human myocyte-specific enhancer factor 2A (MEF2A
33870_at Cluster Incl. AB029005:Homo sapiens mRNA for KIAA1082 protein, partial
36935_at Cluster Incl. M23379:Human GTPase-activating protein ras p21 (RASA) mRN
38805_at Cluster Incl. X89750:H.sapiens mRNA for TGIF protein /cds=(311,1129) /g
25 1669_at L20861 /FEATURE= /DEFINITION=HUMWNT5A Homo sapiens proto-oncogene (Wnt-5
1229_at U78556 /FEATURE= /DEFINITION=HSU78556 Human cisplatin resistance associa
1230_g_at U78556 /FEATURE= /DEFINITION=HSU78556 Human cisplatin resistance assoc
645_at L26336 /FEATURE=cds /DEFINITION=HUMHSPA2A Human heat shock protein HSPA2

30 METAGENE 229 :

37836_at Cluster Incl. AB023215:Homo sapiens mRNA for KIAA0998 protein, partial
38864_at Cluster Incl. W26851:17b12 Homo sapiens cDNA /gb=W26851 /gi=1306214 /ug
39614_at Cluster Incl. AB018345:Homo sapiens mRNA for KIAA0802 protein, partial
35 40285_at Cluster Incl. U68140:Homo sapiens nuclear VCP-like protein NVLp.2 (NVL.
31884_at Cluster Incl. L40399:Homo sapiens (clone S240ii117/zap112) mRNA, comple
33791_at Cluster Incl. Y15227:Homo sapiens mRNA for leukemia associated gene 1 /
36069_at Cluster Incl. AB007925:Homo sapiens mRNA for KIAA0456 protein, partial
37646_at Cluster Incl. D26018:Human mRNA for KIAA0039 gene, partial cds /cds=(0,

- 39067_at Cluster Incl. M27937:Human male-enhanced antigen mRNA (Mea), complete c
 39068_at Cluster Incl. L76702:Homo sapiens protein phosphatase 2A B56-delta (PP2
 1955_s_at AF035528 /FEATURE= /DEFINITION=AF035528 Homo sapiens Smad6 mRNA,
 compl
 5 782_at U93867 /FEATURE= /DEFINITION=HSU93867 Human RNA polymerase III subunit (R

METAGENE 230 :

- 34565_at Cluster Incl. X78416:H.sapiens alpha-s1-casein mRNA /cds=(49,606) /gb=X
 10 33764_at Cluster Incl. AF056085:Homo sapiens GABA-B receptor mRNA, complete cds

METAGENE 231 :

- 31849_at Cluster Incl. AB011136:Homo sapiens mRNA for KIAA0564 protein, partial
 15 39397_at Cluster Incl. M64497:Human apolipoprotein AI regulatory protein (ARP-1)
 39411_at Cluster Incl. AL080156:Homo sapiens mRNA; cDNA DKFZp434J214 (from clone
 40136_at Cluster Incl. AB014576:Homo sapiens mRNA for KIAA0676 protein, partial
 32149_at Cluster Incl. AA532495:nj54a10.s1 Homo sapiens cDNA /clone=IMAGE-996282
 36583_at Cluster Incl. U53225:Human sorting nexin 1 (SNX1) mRNA, complete cds /c
 20 36626_at Cluster Incl. X87176:H.sapiens mRNA for 17-beta-hydroxysteroid dehydrog
 38458_at Cluster Incl. L39945:Human cytochrome b5 (CYB5) gene /cds=(120,548) /gb
 38459_g_at Cluster Incl. L39945:Human cytochrome b5 (CYB5) gene /cds=(120,548) /

METAGENE 232 :

25

- 33632_g_at Cluster Incl. AF023612:Homo sapiens Dim1p homolog mRNA, complete cds
 37826_at Cluster Incl. AF020761:Homo sapiens stimulator of Fe transport mRNA, co
 41040_at Cluster Incl. U77664:Human RNaseP protein p38 (RPP38) mRNA, complete cd
 32111_at Cluster Incl. AL050164:Homo sapiens mRNA; cDNA DKFZp586C1622 (from
 30 clon
 32647_at Cluster Incl. AF060902:Homo sapiens vesicle soluble NSF attachment prot
 32730_at Cluster Incl. AL080059:Homo sapiens mRNA; cDNA DKFZp564H142 (from
 clone
 33247_at Cluster Incl. U86782:Human 26S proteasome-associated pad1 homolog (POH1
 35 33759_at Cluster Incl. X04327:Human erythrocyte 2,3-bisphosphoglycerate mutase m
 34753_at Cluster Incl. X92396:H.sapiens mRNA for novel gene in Xq28 region /cds=
 37610_at Cluster Incl. AI765280:wi73a08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 38981_at Cluster Incl. AA203354:zx58b07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 38992_at Cluster Incl. X64229:H.sapiens dek mRNA /cds=(33,1160) /gb=X64229 /gi=3

	40115_at	Cluster Incl. D16562:Human mRNA for ATP synthase gamma-subunit (L-type)
	40876_at	Cluster Incl. U31525:Human glycogenin mRNA, complete cds /cds=(127,1128
	41188_at	Cluster Incl. W28186:43c2 Homo sapiens cDNA /gb=W28186 /gi=1308134 /ug=
	41223_at	Cluster Incl. M22760:Homo sapiens nuclear-encoded mitochondrial cytochr
5	41750_at	Cluster Incl. D49489:Human mRNA for protein disulfide isomerase-related
	41760_at	Cluster Incl. AA978033:oq55e04.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	32214_at	Cluster Incl. AF003938:Homo sapiens thioredoxin-like protein mRNA, comp
	33429_at	Cluster Incl. AL050225:Homo sapiens mRNA; cDNA DKFZp586M1523 (from clon
10	34297_at	Cluster Incl. U87460:Human putative endothelin receptor type B-like pro
	34368_at	Cluster Incl. U31814:Human transcriptional regulator homolog RPD3 mRNA,
	34383_at	Cluster Incl. AB014458:Homo sapiens hUBP mRNA for ubiquitin specific pr
	34791_at	Cluster Incl. X52882:Human t-complex polypeptide 1 gene /cds=(21,1691)
	34811_at	Cluster Incl. U09813:Human mitochondrial ATP synthase subunit 9, P3 gen
15	35303_at	Cluster Incl. U96876:Homo sapiens insulin induced protein 1 (INSIG1) ge
	35307_at	Cluster Incl. Y13286:Homo sapiens mRNA for GDP dissociation inhibitor b
	35353_at	Cluster Incl. D11094:Human mRNA for MSS1, complete cds /cds=(66,1367) /
	35751_at	Cluster Incl. U17886:Human succinate dehydrogenase iron-protein subunit
	35818_at	Cluster Incl. D00265:Homo sapiens mRNA for cytochrome c, partial cds /c
20	36163_at	Cluster Incl. L13761:Human dihydrolipoamide dehydrogenase gene /cds=(20
	36599_at	Cluster Incl. M55905:Human mitochondrial NAD(P)+ dependent malic enzyme
	36685_at	Cluster Incl. W63793:zc55a10.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	37046_at	Cluster Incl. AI246726:qk40a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	37347_at	Cluster Incl. AA926959:om68h08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
25	37373_at	Cluster Incl. U27460:Human uridine diphosphoglucose pyrophosphorylase m
	37677_at	Cluster Incl. V00572:Human mRNA encoding phosphoglycerate kinase /cds=(
	37697_s_at	Cluster Incl. L08666:Homo sapiens porin (por) mRNA, complete cds and
	37740_r_at	Cluster Incl. J02683:Human ADP/ATP carrier protein mRNA, complete cds
	38123_at	Cluster Incl. D14878:Human mRNA for protein D123, complete cds /cds=(28
30	38413_at	Cluster Incl. D15057:Human mRNA for DAD-1, complete cds /cds=(66,407) /
	38435_at	Cluster Incl. U25182:Human antioxidant enzyme AOE37-2 mRNA, complete cd
	38728_at	Cluster Incl. D86978:Human mRNA for KIAA0225 gene, partial cds /cds=(0,
	38753_at	Cluster Incl. AF039022:Homo sapiens exportin t mRNA, complete cds /cds=
	38815_at	Cluster Incl. Y08999:H.sapiens mRNA for Sop2p-like protein /cds=(33,114
35	38824_at	Cluster Incl. AF039103:Homo sapiens Tat-interacting protein TIP30 mRNA,
	38846_at	Cluster Incl. AA768912:nz82h06.s1 Homo sapiens cDNA /clone=IMAGE-130201
	39086_g_at	Cluster Incl. AA768912:nz82h06.s1 Homo sapiens cDNA /clone=IMAGE-1302
	39169_at	Cluster Incl. AF054184:Homo sapiens Sec61 gamma mRNA, complete cds /cds
	40269_at	Cluster Incl. U51990:Human hPrp18 mRNA, complete cds /cds=(72,1100) /gb

- 41342_at Cluster Incl. D38076:Human mRNA for RanBP1 (Ran-binding protein 1), com
 1659_s_at D78132 /FEATURE= /DEFINITION=D78132 Homo sapiens mRNA for ras-related
 1446_at D00760 /FEATURE= /DEFINITION=HUMPSC3 Human mRNA for proteasome subunit H
5 1166_at D78151 /FEATURE= /DEFINITION=HUM26SPSP Human mRNA for 26S proteasome sub
 890_at M74524 /FEATURE= /DEFINITION=HUMHHR6A Human HHR6A (yeast RAD 6
 homologue)
 652_g_at L07493 /FEATURE= /DEFINITION=HUM14RPA Homo sapiens replication
 protein
10 409_at X56468 /FEATURE=mRNA /DEFINITION=HS1433 Human mRNA for 14.3.3 protein, a
 160_at U43899 /FEATURE= /DEFINITION=HSU43899 Human signal transducing adaptor mo
 171_at U56833 /FEATURE= /DEFINITION=HSU56833 Human VHL binding protein-1 (VBP-1)

METAGENE 233 :

15

- 41164_at Cluster Incl. X67301:H.sapiens mRNA for IgM heavy chain constant region
 41165_g_at Cluster Incl. X67301:H.sapiens mRNA for IgM heavy chain constant regi
 36591_at Cluster Incl. X06956:Human HALPHA44 gene for alpha-tubulin, exons 1-3 /
 2014_s_at U39064 /FEATURE= /DEFINITION=HSU39064 Human MAP kinase kinase 6
20 mRNA,
 330_s_at Tubulin, Alpha 1, Isoform 44

METAGENE 234 :

- 25** 32332_at Cluster Incl. X69433:H.sapiens mRNA for mitochondrial isocitrate dehydr
 40665_at Cluster Incl. M83772:Human flavin-containing monooxygenase form II (FMO
 32030_at Cluster Incl. X99459:H.sapiens mRNA for sigma 3B protein /cds=(30,611)
 1014_at U60325 /FEATURE= /DEFINITION=HSU60325 Human DNA polymerase gamma mRNA,
 n

30

METAGENE 235 :

- 33974_at Cluster Incl. Y07847:H.sapiens mRNA for RRP22 protein /cds=(321,932) /g
 35861_at Cluster Incl. AA018440:ze50a07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
35 37138_at Cluster Incl. AB018352:Homo sapiens mRNA for KIAA0809 protein, partial
 37425_g_at Cluster Incl. AB029343:Homo sapiens HCR (a-helix coiled-coil rod homo
 39206_s_at Cluster Incl. X17406:Human mRNA for cartilage specific proteoglycan /
 41035_at Cluster Incl. AB018318:Homo sapiens mRNA for KIAA0775 protein, complete
 41414_at Cluster Incl. AL050346:Novel human gene mapping to chromosome 22 /cds=(3

41829_at Cluster Incl. AB018274:Homo sapiens mRNA for KIAA0731 protein, partial

METAGENE 236 :

- 5 35571_at Cluster Incl. AF055917:Homo sapiens protease-activated receptor 4 mRNA,
 37435_s_at Cluster Incl. U52153:Human inwardly rectifying potassium channel Kir3
 38203_at Cluster Incl. U69883:Human calcium-activated potassium channel hSK1 (SK
 38582_at Cluster Incl. AI961220:wt15b04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 39283_at Cluster Incl. X83543:H.sapiens APXL mRNA /cds=(90,4940) /gb=X83543 /gi=
 10 33220_at Cluster Incl. Z11773:Homo sapiens mRNA for SRE-ZBP /cds=(0,1226) /gb=Z1
 38032_at Cluster Incl. AB018279:Homo sapiens mRNA for KIAA0736 protein, complete
 1464_at S73149 /FEATURE=mRNA /DEFINITION=S73149 insulin-like growth factor II {i
 917_g_at L18983 /FEATURE=mRNA /DEFINITION=HUMTYROPHO Homo sapiens
 tyrosine phosph

15

METAGENE 237 :

- 32996_g_at Cluster Incl. AC003079:Human BAC clone GS303P24 from 7q21-22 /cds=(0,
 37186_s_at Cluster Incl. U11863:Human clone HP-DAO2 diamine oxidase, copper/topa
 20 41176_at Cluster Incl. AF052162:Homo sapiens clone 24655 mRNA sequence /cds=UNKN
 41177_at Cluster Incl. AW024285:wt69d06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 38028_at Cluster Incl. AL050152:Homo sapiens mRNA; cDNA DKFZp586K1220 (from
 clon

25 METAGENE 238 :

- 36271_at Cluster Incl. AB028947:Homo sapiens mRNA for KIAA1024 protein, partial
 38515_at Cluster Incl. X51801:Human OP-1 mRNA for osteogenic protein./cds=(122,1
 38792_at Cluster Incl. AD001528:Homo sapiens spermidine aminopropyltransferase m

30

METAGENE 239 :

- 31488_s_at Cluster Incl. S81916:phosphoglycerate kinase {alternatively spliced}
 35916_s_at Cluster Incl. AA877215:ob15e02.s1 Homo sapiens cDNA, 3 end /clone=IM
 35 38899_s_at Cluster Incl. U95822:Human putative transmembrane GTPase mRNA, partia
 39628_at Cluster Incl. AI671547:wb33e07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 35218_at Cluster Incl. AF022385:Homo sapiens apoptosis-related protein TFAR15 (T
 38670_at Cluster Incl. AL031685:dJ963K23.2 (novel protein) /cds=(2,688) /gb=AL03
 40089_at Cluster Incl. AJ224442:Homo sapiens mRNA for putative methyltransferase

- 40122_at Cluster Incl. AF037448:Homo sapiens RRM RNA binding protein Gry-rbp (GR
32829_at Cluster Incl. X97544:H.sapiens mRNA for TIM17 preprotein translocase /c
33456_at Cluster Incl. U24166:Homo sapiens EB1 mRNA, complete cds /cds=(64,870)
33932_at Cluster Incl. X17644:Human GST1-Hs mRNA for GTP-binding protein /cds=(6
5 34401_at Cluster Incl. L32977:Homo sapiens (clone f17252) ubiquinol cytochrome c
37324_at Cluster Incl. X01060:Human mRNA for transferrin receptor /cds=(263,2545
37350_at Cluster Incl. AL031177:dJ889N15.2.1 (26S Proteasome subunit p28 (Ankyri
37738_g_at Cluster Incl. D25547:Homo sapiens mRNA for PIMT, isozyme I, complete c
38380_at Cluster Incl. Y18863:Homo sapiens mRNA for ribonuclease P protein subun
10 41485_at Cluster Incl. X02152:Human mRNA for lactate dehydrogenase-A (LDH-A, EC
33124_at Cluster Incl. AB000450:Homo sapiens mRNA for VRK2, complete cds /cds=(1
1942_s_at U37022 /FEATURE=mRNA /DEFINITION=HSU37022 Human cyclin-dependent
kinas
1839_at Ras-Like Protein Tc4
15 1840_g_at Ras-Like Protein Tc4
1560_g_at U24153 /FEATURE= /DEFINITION=HSU24153 Human p21-activated protein
kina
1448_at D00762 /FEATURE= /DEFINITION=HUMPSC8 Human mRNA for proteasome subunit H
1449_at D00763 /FEATURE= /DEFINITION=HUMPSC9 Human mRNA for proteasome subunit H
20 1369_s_at M28130 /FEATURE=mRNA /DEFINITION=HUMIL8A Human interleukin 8
(IL8) gen
1313_at D38048 /FEATURE= /DEFINITION=D38048 Human mRNA for proteasome subunit z,
1154_at J02645 /FEATURE=mRNA /DEFINITION=HUMEIF2A Human translational initiation
1130_at L11284 /FEATURE= /DEFINITION=HUMMEK1NF Homosapiens ERK activator kinase
25 1054_at M87339 /FEATURE= /DEFINITION=HUMACT1A Human replication factor C, 37-kDa
969_s_at X98296 /FEATURE=cds /DEFINITION=HSUBIQHYD H.sapiens mRNA for
ubiquitin
757_at D28364 /FEATURE= /DEFINITION=HUMAI23 Human mRNA for annexin II, 5 UTR (se
651_at L07493 /FEATURE= /DEFINITION=HUM14RPA Homo sapiens replication protein A
30 430_at X00737 /FEATURE=cds /DEFINITION=HSPNP Human mRNA for purine nucleoside ph
359_at Y10659 /FEATURE=cds /DEFINITION=HSIL13RA H.sapiens IL-13Ra mRNA
262_at M21154 /FEATURE=mRNA /DEFINITION=HUMAMD Human S-adenosylmethionine
decarb
263_g_at M21154 /FEATURE=mRNA /DEFINITION=HUMAMD Human S-
35 adenosylmethionine deca
229_at M37197 /FEATURE=mRNA /DEFINITION=HUMCBF Human CCAAT-box-binding
factor (C
167_at U49436 /FEATURE= /DEFINITION=HSU49436 Human translation initiation factor

METAGENE 240 :

- 37882_at Cluster Incl. X63468:H.sapiens mRNA for transcription factor TFIIE alph
 36174_at Cluster Incl. X70326:H.sapiens MacMarcks mRNA /cds=(13,600) /gb=X70326
 5 38839_at Cluster Incl. AL096719:Homo sapiens mRNA; cDNA DKFZp566N043 (from
 clone
 38840_s_at Cluster Incl. L10678:Human profilin II mRNA, complete cds /cds=(13,43
 40567_at Cluster Incl. X01703:Human gene for alpha-tubulin (b alpha 1) /cds=(213

10 METAGENE 241 :

- 32673_at Cluster Incl. U90543:Human butyrophilin (BTF1) mRNA, complete cds /cds=
 34378_at Cluster Incl. X97324:H.sapiens mRNA for adipophilin /cds=(0,1313) /gb=X
 37706_at Cluster Incl. U28811:Human cysteine-rich fibroblast growth factor recep

15

METAGENE 242 :

- 31503_at Cluster Incl. W28732:50h7 Homo sapiens cDNA /gb=W28732 /gi=1308680 /ug=
 34651_at Cluster Incl. M58525:Homo sapiens catechol-O-methyltransferase (COMT) m
 20 34691_f_at Cluster Incl. AF006087:Homo sapiens Arp2/3 protein complex subunit p2
 34694_at Cluster Incl. U66618:Human SWI/SNF complex 60 KDa subunit (BAF60b) mRNA
 39425_at Cluster Incl. X91247:H.sapiens mRNA for thioredoxin reductase /cds=(439
 39693_at Cluster Incl. N53547:yv43b12.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 41778_at Cluster Incl. U53347:Human neutral amino acid transporter B mRNA, compl
 25 37382_at Cluster Incl. N25117:yx19c09.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 37741_at Cluster Incl. M77836:Human pyrroline 5-carboxylate reductase mRNA, comp
 33214_at Cluster Incl. Y11681:Homo sapiens mRNA for mitochondrial ribosomal prot
 1306_at D12686 /FEATURE= /DEFINITION=HUMEIF4G Human mRNA for eukaryotic initiati
 1312_at D38047 /FEATURE= /DEFINITION=HUMPSP31 Human mRNA for 26S proteasome subu
 30 896_at L21998 /FEATURE= /DEFINITION=HUMMUC2X Homo sapiens intestinal mucin
 (MUC2
 910_at M15205 /FEATURE=cds /DEFINITION=HUMTKRA Human thymidine kinase gene,
 comp
 691_g_at J02783 /FEATURE=mRNA /DEFINITION=HUMTHBP Human thyroid hormone
 35 binding
 455_at U66618 /FEATURE= /DEFINITION=HSU66618 Human SWI/SNF complex 60 KDa
 subuni

METAGENE 243 :

	31536_at	Cluster Incl. AB020693:Homo sapiens mRNA for KIAA0886 protein, complete
	41447_at	Cluster Incl. AB023207:Homo sapiens mRNA for KIAA0990 protein, complete
	34685_at	Cluster Incl. AI685944:tu38g02.x1 Homo sapiens cDNA, 3' end /clone=IMAG
5	37604_at	Cluster Incl. U44111:Human histamine N-methyltransferase (HNMT) gene /c
	38318_at	Cluster Incl. AL050128:Homo sapiens mRNA; cDNA DKFZp586G051 (from clone
	39019_at	Cluster Incl. D14696:Human mRNA for KIAA0108 gene, complete cds /cds=(1
	39037_at	Cluster Incl. L13773:Human AF-4 mRNA, complete cds /cds=(420,4052) /gb=
10	39396_at	Cluster Incl. AF081281:Homo sapiens lysophospholipase (LPL1) mRNA, comp
	39431_at	Cluster Incl. AJ132583:Homo sapiens mRNA for puromycin sensitive aminop
	39741_at	Cluster Incl. D16481:Homo sapiens mRNA for mitochondrial 3-ketoacyl-CoA
	39782_at	Cluster Incl. X95592:H.sapiens mRNA for C1D protein /cds=(117,542) /gb=
	40066_at	Cluster Incl. AF046024:Homo sapiens UBA3 (UBA3) mRNA, complete cds /cds
15	40125_at	Cluster Incl. L10284:Homo sapiens integral membrane protein, calnexin,
	40140_at	Cluster Incl. D76444:Homo sapiens hkf-1 mRNA, complete cds /cds=(922,29
	40844_at	Cluster Incl. D63875:Human mRNA for KIAA0155 gene, complete cds /cds=(8
	41132_r_at	Cluster Incl. U01923:Human BTK region clone ftp-3 mRNA /cds=UNKNOWN /
	41212_r_at	Cluster Incl. D26068:Human mRNA for KIAA0038 gene, partial cds /cds=(
20	41785_at	Cluster Incl. U73824:Human p97 mRNA, complete cds /cds=(306,3029) /gb=U
	32150_at	Cluster Incl. X82834:H.sapiens mRNA for golgin /cds=(207,6764) /gb=X828
	33443_at	Cluster Incl. Z99129:Human DNA sequence from clone 425C14 on chromosome
	33845_at	Cluster Incl. W28483:47e11 Homo sapiens cDNA /gb=W28483 /gi=1308431 /ug
	33865_at	Cluster Incl. AA127624:zk89b09.r1 Homo sapiens cDNA, 5' end /clone=IMAG
25	34392_s_at	Cluster Incl. AL050268:Homo sapiens mRNA; cDNA DKFZp564B163 (from clo
	34394_at	Cluster Incl. AB018327:Homo sapiens mRNA for KIAA0784 protein, partial
	34402_at	Cluster Incl. AB024327:Homo sapiens pt-wd mRNA for WD-40 repeat protein
	34781_at	Cluster Incl. D84145:Human WS-3 mRNA, complete cds /cds=(87,659) /gb=D8
	35311_at	Cluster Incl. AF084523:Homo sapiens cellular repressor of E1A-stimulate
30	35761_at	Cluster Incl. AL050073:Homo sapiens mRNA; cDNA DKFZp566E2346 (from clon
	35814_at	Cluster Incl. AF064603:Homo sapiens GA17 protein mRNA, complete cds /cd
	36164_at	Cluster Incl. U82328:Homo sapiens pyruvate dehydrogenase complex protei
	36171_at	Cluster Incl. AI521453:th60h07.x1 Homo sapiens cDNA, 3' end /clone=IMAG
35	36571_at	Cluster Incl. X68060:H.sapiens topIIb mRNA for topoisomerase IIb /cds=(
	36631_at	Cluster Incl. D49396:Human mRNA for Apo1_Human (MER5(Aop1-Mouse)-like p
	36975_at	Cluster Incl. W26659:34d2 Homo sapiens cDNA /gb=W26659 /gi=1307502 /ug=
	36981_at	Cluster Incl. AF070649:Homo sapiens clone 24452 mRNA sequence /cds=UNKN

- 37000_at Cluster Incl. AL035304:H.sapiens gene from PAC 295C6, similar to rat PO
- 37009_at Cluster Incl. AL035079:dJ53C18.1 (Catalase) /cds=(74,1657) /gb=AL035079.
- 37035_at Cluster Incl. AI557272:PT2.1_15_G02.r Homo sapiens cDNA, 3 end /clone_
- 37336_at Cluster Incl. D87684:Human mRNA for KIAA0242 gene, partial cds /cds=(0,
- 5 37385_at Cluster Incl. U40763:Human Clk-associated RS cyclophilin CARS-Cyp mRNA,
- 37389_at Cluster Incl. AI346580:qp51f08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 37409_at Cluster Incl. U88666:Homo sapiens serine kinase SRPK2 mRNA, complete cd
- 37668_at Cluster Incl. M69039:Human pre-mRNA splicing factor SF2p32, complete se
- 38802_at Cluster Incl. Y12711:H.sapiens mRNA for putative progesterone binding p
- 10 39160_at Cluster Incl. D90086:Human pyruvate dehydrogenase (EC 1.2.4.1) beta sub
- 39174_at Cluster Incl. X77548:H. sapiens cDNA for RFG /cds=(76,1920) /gb=X77548
- 39509_at Cluster Incl. AI692348:wd85g12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41490_at Cluster Incl. Y00971:Human mRNA for phosphoribosyl pyrophosphate synth
- 41573_at Cluster Incl. X68560:H.sapiens SPR-2 mRNA for GT box binding protein /c
- 15 33113_at Cluster Incl. U65093:Human msg1-related gene 1 (mrg1) mRNA, complete cd
- 1913_at U47414 /FEATURE= /DEFINITION=HSU47414 Human cyclin G2 mRNA, complete cds
- 1728_at L13689 /FEATURE=mRNA /DEFINITION=HUMBMI1X Human prot-oncogene (BMI-1)
- mR
- 1213_at U88666 /FEATURE= /DEFINITION=HSU88666 Homo sapiens serine kinase SRPK2 m
- 20 924_s_at J03805 /FEATURE= /DEFINITION=HUMALPHLB Human phosphatase 2A
- mRNA, parti
- 723_s_at Small Nuclear Ribonucleoprotein, Polypeptide C, Alt. Splice 2
- 193_at U21858 /FEATURE= /DEFINITION=HSU21858 Human transcriptional activation fa
- 140_s_at U68063 /FEATURE= /DEFINITION=HSU68063 Human transformer-2 beta (htra-
- 25 2

METAGENE 244 :

- 32870_g_at Cluster Incl. AF073362:Homo sapiens endo/exonuclease Mre11 (MRE11A) m
- 30 36217_at Cluster Incl. Z35102:H.sapiens mRNA for Ndr protein kinase /cds=(595,19
- 38571_at Cluster Incl. Y18046:Homo sapiens mRNA for FOP (FGFR1 oncogene partner)
- 32112_s_at Cluster Incl. AI800499:tc11f11.x1 Homo sapiens cDNA, 3 end /clone=IM
- 32113_at Cluster Incl. U83115:Human non-lens beta gamma-crystallin like protein
- 32661_s_at Cluster Incl. D79992:Human mRNA for KIAA0170 gene, complete cds /cds=
- 35 32662_at Cluster Incl. AL041663:DKFZp434M0217_s1 Homo sapiens cDNA, 3 end /clon
- 33810_at Cluster Incl. AF110377:Homo sapiens PCAF-associated factor 400 (PAF400)
- 34659_at Cluster Incl. AB018334:Homo sapiens mRNA for KIAA0791 protein, complete
- 35651_at Cluster Incl. AF002715:Homo sapiens MAP kinase kinase kinase (MTK1) mRN
- 37893_at Cluster Incl. AI828880:wj37b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG

- 39432_at Cluster Incl. AF038662:Homo sapiens chromosome 3q13 beta-1,4-galactosyl
 40823_s_at Cluster Incl. U85430:Human transcription factor NFATx4 mRNA, complete
 35314_at Cluster Incl. D63880:Human mRNA for KIAA0159 gene, complete cds /cds=(7
 38384_at Cluster Incl. X54199:Human mRNA for GARS-AIRS-GART /cds=UNKNOWN
5 /gb=X54
 946_at D50663 /FEATURE= /DEFINITION=D50663 Human mRNA for TCTEL1 gene, complete
 855_at S78085 /FEATURE= /DEFINITION=S78085 PDCD2=programmed cell death-2/Rp8 hom

METAGENE 245 :

10

- 35160_at Cluster Incl. AF064491:Homo sapiens LIM homeobox protein cofactor (CLIM
 33888_at Cluster Incl. X82207:H.sapiens mRNA for beta-centractin (PC3) /cds=(56,
 39154_at Cluster Incl. AI952982:wp98b06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1622_at D87116 /FEATURE= /DEFINITION=D87116 Human mRNA for MAP kinase kinase 3b

15

METAGENE 246 :

- 31684_at Cluster Incl. M62896:Human lipocortin (LIP) 2 pseudogene mRNA, complete
 33605_at Cluster Incl. AF019415:untitled /cds=(105,926) /gb=AF019415 /gi=3955194
20 33606_g_at Cluster Incl. AF019415:untitled /cds=(105,926) /gb=AF019415 /gi=39551
 36710_at Cluster Incl. Z38026:H.sapiens mRNA for FALL-39 peptide antibiotic /cds
 36784_at Cluster Incl. J03071:Human growth hormone (GH-1 and GH-2) and chorionic
 38977_at Cluster Incl. U89436:Human tyrosyl-tRNA synthetase mRNA, complete cds /
 36199_at Cluster Incl. X76105:H.sapiens DAP-1 mRNA /cds=(159,467) /gb=X76105 /gi
25 37016_at Cluster Incl. D13900:Homo sapiens mRNA for mitochondrial short-chain en

METAGENE 247 :

- 36012_at Cluster Incl. Y09631:H.sapiens mRNA for PIBF1 protein, complete /cds=(0
30 39366_at Cluster Incl. N36638:yx88f05.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 33421_s_at Cluster Incl. AB016247:Homo sapiens mRNA for sterol-C5-desaturase, co
 34377_at Cluster Incl. J05096:Human Na,K-ATPase subunit alpha 2 (ATP1A2) gene, c

METAGENE 248 :

35

- 36336_s_at Cluster Incl. AC005390:Homo sapiens chromosome 19, cosmid R31180 /cds
 37771_at Cluster Incl. AB020688:Homo sapiens mRNA for KIAA0881 protein, complete
 35154_at Cluster Incl. W68046:zd42a12.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 37281_at Cluster Incl. D87071:Human mRNA for KIAA0233 gene, complete cds /cds=(2

	38310_at	Cluster Incl. AB014591:Homo sapiens mRNA for KIAA0691 protein, complete
	38314_at	Cluster Incl. AB002304:Human mRNA for KIAA0306 gene, partial cds /cds=(
	38647_at	Cluster Incl. AJ131182:Homo sapiens mRNA for Epsilon COP /cds=(42,968)
	38998_g_at	Cluster Incl. X96924:H.sapiens gene encoding mitochondrial citrate tr
5	39076_s_at	Cluster Incl. AI991040:wu36b05.x1 Homo sapiens cDNA, 3 end /clone=IM
	40470_at	Cluster Incl. D10523:Human mRNA for 2-oxoglutarate dehydrogenase, compl
	40489_at	Cluster Incl. D31840:Human DRPLA mRNA for ORF, complete cds /cds=(238,3
	40850_at	Cluster Incl. L37033:Human FK-506 binding protein homologue (FKBP38) mR
	40867_at	Cluster Incl. J02902:Human protein phosphatase 2A regulatory subunit al
10	41134_at	Cluster Incl. AB023181:Homo sapiens mRNA for KIAA0964 protein, complete
	32157_at	Cluster Incl. S57501:protein phosphatase type 1 catalytic subunit [huma
	32209_at	Cluster Incl. AF052151:Homo sapiens clone 24574 mRNA sequence /cds=UNKN
	33863_at	Cluster Incl. U65785:Human 150 kDa oxygen-regulated protein ORP150 mRNA
	33904_at	Cluster Incl. AB000714:Homo sapiens hRVP1 mRNA for RVP1, complete cds /
15	33913_at	Cluster Incl. M33509:Human HLA-B-associated transcript 2 (BAT2) mRNA, c
	33921_at	Cluster Incl. Y15409:Homo sapiens mRNA for putative glucose 6-phosphate
	36125_s_at	Cluster Incl. L38696:Homo sapiens autoantigen p542 mRNA, complete cds
	36138_at	Cluster Incl. X04106:Human mRNA for calcium dependent protease (small s
	36162_at	Cluster Incl. X64364:H.sapiens mRNA for M6 antigen /cds=(57,866) /gb=X6
20	36598_s_at	Cluster Incl. L36818:Human (clone 51C-3) 51C protein mRNA, complete c
	36994_at	Cluster Incl. M62762:Human vacuolar H ⁺ ATPase proton channel subunit mR
	37346_at	Cluster Incl. M57567:Human ADP-ribosylation factor (hARF5) mRNA, comple
	37753_at	Cluster Incl. U66617:Human SWI/SNF complex 60 KDa subunit (BAF60a) mRNA
	38766_at	Cluster Incl. AB002307:Human mRNA for KIAA0309 gene, partial cds /cds=(
25	41267_at	Cluster Incl. AB028972:Homo sapiens mRNA for KIAA1049 protein, partial
	41337_at	Cluster Incl. AF072902:Homo sapiens gp130 associated protein GAM mRNA,
	41484_r_at	Cluster Incl. X56681:Human junD mRNA /cds=(174,1217) /gb=X56681 /gi=3
	1830_s_at	M38449 /FEATURE= /DEFINITION=HUMTGFB Human transforming growth factor
30	1790_s_at	Cell Division Cycle Protein 2-Related Protein Kinase (Pisslre)
	1642_at	U35113 /FEATURE= /DEFINITION=HSU35113 Human metastasis-associated mta1 m
	1590_s_at	J00277 /FEATURE=cds /DEFINITION=HUMRASH Human (genomic clones lambda-[
	1564_at	M63167 /FEATURE= /DEFINITION=HUMRACPC Human rac protein kinase alpha mRN
35	1274_s_at	L22005 /FEATURE= /DEFINITION=HUMCDC34H Human ubiquitin conjugating enz
	1131_at	L11285 /FEATURE= /DEFINITION=HUMMEK2NF Homosapiens ERK activator kinase
	954_s_at	Protein Phosphatase 1, Alpha Catalytic Subunit

905_at L76200 /FEATURE= /DEFINITION=HUMGUK1R Human guanylate kinase (GUK1) mRNA,

858_at S90469 /FEATURE= /DEFINITION=S90469 cytochrome P450 reductase [human, pla

657_at L11373 /FEATURE= /DEFINITION=HUMPC43ABB Human protocadherin 43 mRNA,

5 comp

635_s_at L42374 /FEATURE=mRNA /DEFINITION=HUMPP2ABA Homo sapiens protein phospho

519_g_at U07132 /FEATURE= /DEFINITION=HSU07132 Human steroid hormone receptor Ne

10 294_s_at Protein Kinase Pitslre, Alpha, Alt. Splice 1-Feb

175_s_at U33053 /FEATURE= /DEFINITION=HSU33053 Human lipid-activated protein kin

METAGENE 249 :

15

31530_at Cluster Incl. U89344:Human acetyl-CoA carboxylase (ACC2) mRNA, complete

32287_s_at Cluster Incl. AJ001685:Homo sapiens NKG2E gene /cds=(45,767) /gb=AJ00

32297_s_at Cluster Incl. AJ001684:Homo sapiens NKG2C gene /cds=(45,740) /gb=AJ00

34183_at Cluster Incl. AL080169:Homo sapiens mRNA; cDNA DKFZp434C171 (from

20 clone

METAGENE 250 :

25 36691_at Cluster Incl. X82224:H.sapiens mRNA for glutamine transaminase K /cds=(
32033_at Cluster Incl. AL096780:Novel human gene mapping to chromosome 22p13.33 s

36028_at Cluster Incl. U45285:Human specific 116-kDa vacuolar proton pump subuni

36843_at Cluster Incl. AB005666:Homo sapiens mRNA for GTPase-activating protein,

39048_at Cluster Incl. U95299:Human Notch4 (hNotch4) mRNA, complete cds /cds=(90

32238_at Cluster Incl. AF001383:Homo sapiens amphiphysin II mRNA, complete cds /

30 39835_at Cluster Incl. U93181:Homo sapiens nuclear dual-specificity phosphatase

METAGENE 251 :

35 35508_at Cluster Incl. X79781:H.sapiens ray mRNA /cds=(81,686) /gb=X79781 /gi=76

35619_at Cluster Incl. AB014534:Homo sapiens mRNA for KIAA0634 protein, partial

36057_at Cluster Incl. AB011084:Homo sapiens mRNA for KIAA0512 protein, complete

36833_at Cluster Incl. U78027:Homo sapiens Brutons tyrosine kinase (BTK), alpha-

41837_at Cluster Incl. AA149431:z126a08.s1 Homo sapiens cDNA, 3 end /clone=IMAG

METAGENE 252 :

- 35019_at Cluster Incl. AF054180:Homo sapiens hematopoietic cell derived zinc fin
 37636_at Cluster Incl. D86969:Human mRNA for KIAA0215 gene, complete cds /cds=(2
5 39469_s_at Cluster Incl. W25905:14g5 Homo sapiens cDNA /gb=W25905 /gi=1306028 /u
 1723_g_at S61953 /FEATURE= /DEFINITION=S61953 c-erbB3=receptor tyrosine kinase {
 908_at M14660 /FEATURE=cds /DEFINITION=HUMISG2 Human ISG-54K gene (interferon st

METAGENE 253 :

10

- 35468_at Cluster Incl. AL050381:Homo sapiens mRNA; cDNA DKFZp586B2023 (from
 clon
 38916_at Cluster Incl. U46023:Human Xq28 mRNA, complete cds /cds=(283,2388) /gb=
 40401_at Cluster Incl. AL050069:Homo sapiens mRNA; cDNA DKFZp566A0946 (from
15 clon
 39799_at Cluster Incl. M94856:Human fatty acid binding protein homologue (PA-FAB

METAGENE 254 :

- 20** 38918_at Cluster Incl. AF083105:Homo sapiens HMG box factor SOX-13 mRNA, complet
 34700_at Cluster Incl. AF045239:Homo sapiens brain expressed ring finger protein
 38264_at Cluster Incl. U74324:Human guanine nucleotide exchange factor mss4 mRNA
 39722_at Cluster Incl. AF044209:Homo sapiens nuclear receptor co-repressor N-CoR
 39763_at Cluster Incl. M36803:Human hemopexin gene /cds=(28,1416) /gb=M36803 /gi
25 40047_at Cluster Incl. AF077599:Homo sapiens hypothetical SBBI03 protein mRNA, c
 34400_at Cluster Incl. AI540957:PEC1.2_15_G03.r Homo sapiens cDNA, 5 end /clone
 36193_at Cluster Incl. U52522:Human arfaptin 2, putative target protein of ADP-r
 36652_at Cluster Incl. J03824:Human uroporphyrinogen III synthase mRNA, complete
 1251_g_at M64788 /FEATURE= /DEFINITION=HUMRAP1GAP Human GTPase activating
30 protei
 503_at U37690 /FEATURE= /DEFINITION=HSU37690 Human RNA polymerase II subunit (hs

METAGENE 255 :

- 35** 35042_at Cluster Incl. L12398:Homo sapiens dopamine D4 receptor (DRD4) mRNA (D4.
 41871_at Cluster Incl. AI660929:wF20a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 33816_at Cluster Incl. AF020267:Homo sapiens myosin-IXb splice variant (Myo9b) m
 35992_at Cluster Incl. AF087036:Homo sapiens musculin mRNA, partial cds /cds=(0,
 37631_at Cluster Incl. U14391:Human myosin-IC mRNA, complete cds /cds=(375,3704)

- 37981_at Cluster Incl. D17530:Homo sapiens mRNA for drebrin E, complete cds /cds
 39795_at Cluster Incl. D63475:Human mRNA for KIAA0109 gene, complete cds /cds=(8
 34407_at Cluster Incl. U77594:Human tazarotene-induced gene 2 (TIG2) mRNA, compl
 35796_at Cluster Incl. Y17169:Homo sapiens mRNA for A6 related protein /cds=(104
5 38087_s_at Cluster Incl. W72186:zd69b10.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 38832_r_at Cluster Incl. AF053356:Homo sapiens chromosome 7q22 sequence /cds=(25
 39166_s_at Cluster Incl. D83174:Human mRNA for collagen binding protein 2, compl
 41850_s_at Cluster Incl. U63825:Human hepatitis delta antigen interacting protei
 32566_at Cluster Incl. AA165701:zo75g08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
10 33212_at Cluster Incl. AF006751:Homo sapiens ES/130 mRNA, complete cds /cds=(70,
 33213_g_at Cluster Incl. AF006751:Homo sapiens ES/130 mRNA, complete cds /cds=(7
 844_at U48707 /FEATURE= /DEFINITION=HSU48707 Human protein phosphatase-1 inhibit

METAGENE 256 :

15

- 35506_s_at Cluster Incl. J03870:Human cystatin SA-I mRNA, complete cds /cds=(70,
 33963_at Cluster Incl. M96326:Human azurocidin gene, complete cds /cds=(16,771)
 36751_at Cluster Incl. AF035154:Homo sapiens regulator of G-protein signalling 1
 36785_at Cluster Incl. Z23090:H.sapiens mRNA for 28 kDa heat shock protein /cds=
20 39045_at Cluster Incl. W26655:34c9 Homo sapiens cDNA /gb=W26655 /gi=1307498 /ug=
 37657_at Cluster Incl. Y16270:Homo sapiens PALM gene, exon 1 and joined CDS /cds
 103_at Z19585 /FEATURE=cds /DEFINITION=HSTHROMB4 H.sapiens mRNA for
 thrombospond

25 METAGENE 257 :

- 36247_f_at Cluster Incl. M12272:Homo sapiens alcohol dehydrogenase class I gamma
 40782_at Cluster Incl. AF061741:Homo sapiens retinal short-chain dehydrogenase/r
 34842_at Cluster Incl. U41303:Human small nuclear ribonucleoprotein particle N (S
30 36629_at Cluster Incl. AI635895:tz82a07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 36681_at Cluster Incl. J02611:Human apolipoprotein D mRNA, complete cds /cds=(61
 37017_at Cluster Incl. M22430:Human RASF-A PLA2 mRNA, complete cds /cds=(135,569
 614_at M22430 /FEATURE= /DEFINITION=HUMRASFA B Human RASF-A PLA2 mRNA,
 complete c

35

METAGENE 258 :

- 34069_s_at Cluster Incl. S79325:SYT...SSX1 {translocation breakpoint} [human, sy
 38500_at Cluster Incl. AB002450:Homo sapiens mRNA from chromosome 5q21-22, clone

- 39666_at Cluster Incl. U31382:Human G protein gamma-4 subunit mRNA, complete cds
 36516_at Cluster Incl. AL080143:Homo sapiens mRNA; cDNA DKFZp434N043 (from
 clone
 1912_s_at M74088 /FEATURE= /DEFINITION=HUMFAPAPC Human APC gene mRNA,
5 complete c
 1671_s_at L35253 /FEATURE= /DEFINITION=HUMMAPKNS Human p38 mitogen
 activated pro
 1518_at J04101 /FEATURE= /DEFINITION=HUMETS1A Human erythroblastosis virus oncog
 672_at J03764 /FEATURE=cds /DEFINITION=HUMPAIA Human, plasminogen activator inhi
10 591_s_at M33684 /FEATURE=cds /DEFINITION=HUMPPPBIAS Human (clone lambda-
 16-1) no
 352_at D30036 /FEATURE= /DEFINITION=HUMPITPA Human mRNA for phosphatidylinositol

METAGENE 259 :

15

- 31663_at Cluster Incl. AB016902:Homo sapiens HGC6.3 mRNA, complete cds /cds=(287
 39578_at Cluster Incl. W27191:23e6 Homo sapiens cDNA /gb=W27191 /gi=1306707 /ug=
 41106_at Cluster Incl. AF022797:Homo sapiens intermediate conductance calcium-ac
 35134_at Cluster Incl. U47054:Human putative mono-ADP-ribosyltransferase (htMART
20 39723_at Cluster Incl. AF062536:Homo sapiens cullin 1 mRNA, complete cds /cds=(1
 37343_at Cluster Incl. U01062:Human type 3 inositol 1,4,5-trisphosphate receptor
 1740_g_at M99487 /FEATURE= /DEFINITION=HUMPSM Human prostate-specific
 membrane a
 182_at U01062 /FEATURE=mRNA /DEFINITION=HUMIP3R3 Human type 3 inositol 1,4,5-tri

25

METAGENE 260 :

- 31966_at Cluster Incl. S48220:type I 5 iodothyronine deiodinase [human, mRNA, 22
 39623_at Cluster Incl. X65724:H.sapiens DNA for ORF1 and ORF2 from chromosome X
30 40409_at Cluster Incl. U46689:Human microsomal aldehyde dehydrogenase (ALD10) mR
 40772_at Cluster Incl. AA284298:zc30c10.T7 Homo sapiens cDNA, 3 end /clone=IMAG
 41826_at Cluster Incl. W28287:47f12 Homo sapiens cDNA /gb=W28287 /gi=1308442 /ug=
 32527_at Cluster Incl. AI381790:te41h10.x1 Homo sapiens cDNA, 3 end /clone=IMAG

35

METAGENE 261 :

- 32004_s_at Cluster Incl. W32483:zc67e07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 33629_at Cluster Incl. AJ001982:Homo sapiens WWp2-like mRNA complete cds /cds=UN
 35569_at Cluster Incl. AB015330:Homo sapiens HRIHFB2007 mRNA, partial cds /cds=(

	34478_at	Cluster Incl. X79780:H.sapiens YPT3 mRNA /cds=(6,662) /gb=X79780 /gi=76
	35426_at	Cluster Incl. AC004410:Homo sapiens chromosome 19, fosmid 39554 /cds=(0
	36231_at	Cluster Incl. AC002073:Human PAC clone DJ515N1 from 22q11.2-q22 /cds=(0
	37102_at	Cluster Incl. AA203717:zx52f12.r1 Homo sapiens cDNA, 5 end /clone=IMAG
5	39274_at	Cluster Incl. X58521:Human mRNA for p62 nucleoporin /cds=(151,1719) /gb
	39968_at	Cluster Incl. U50136:Human leukotriene C4 synthase (LTC4S) gene, comple
	38622_at	Cluster Incl. W28953:54b7 Homo sapiens cDNA /gb=W28953 /gi=1308901 /ug=
	38726_at	Cluster Incl. W80399:zh49e04.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	39030_at	Cluster Incl. AJ133534:Homo sapiens mRNA for prenylated Rab acceptor 1
10	39347_at	Cluster Incl. X97074:H.sapiens mRNS for clathrin-associated protein /cd
	32177_s_at	Cluster Incl. AC004084:Homo sapiens BAC clone RG158O17 from 7q22-q31.
	32750_r_at	Cluster Incl. X53416:Human mRNA for actin-binding protein (filamin) (
	32836_at	Cluster Incl. U56417:Human lysophosphatidic acid acyltransferase-alpha
	32844_at	Cluster Incl. AF104913:Homo sapiens eukaryotic protein synthesis initia
15	33414_at	Cluster Incl. X57398:Human mRNA for pM5 protein /cds=(0,3572) /gb=X5739
	36151_at	Cluster Incl. U60644:Human HU-K4 mRNA, complete cds /cds=(487,1800) /gb
	36977_at	Cluster Incl. U39412:Homo sapiens alpha SNAP mRNA, complete cds /cds=(6
	38434_at	Cluster Incl. M95627:Homo sapiens angio-associated migratory cell prote
	38799_at	Cluster Incl. AF068706:Homo sapiens gamma2-adaptin (G2AD) mRNA, complet
20	32556_at	Cluster Incl. X64044:H.sapiens mmRNA for large subunit of splicing fact
	2065_s_at	L22473 /FEATURE= /DEFINITION=HUMBAXA Human Bax alpha mRNA,
	complete cd	
	2067_f_at	L22475 /FEATURE= /DEFINITION=HUMBAXG Human Bax gamma mRNA,
	complete cd	
25	1726_at	Dna Polymerase, Epsilon, Catalytic Subunit
	1703_g_at	S75174 /FEATURE= /DEFINITION=S75174 E2F-4=transcription factor [human,
	1707_g_at	U01337 /FEATURE=expanded_cds /DEFINITION=HSU01337 Human Ser/Thr
	protei	
	1362_s_at	M84820 /FEATURE= /DEFINITION=HUMRXRB Human retinoid X receptor
30	beta (R	
	957_at	Arrestin, Beta 2
	918_at	Atp-Binding Cassette Protein
	845_at	U16031 /FEATURE= /DEFINITION=HSU16031 Human transcription factor IL-4 Sta
	625_at	L78833 /FEATURE=cds#4 /DEFINITION=HUMBRCA1 Human BRCA1, Rho7 and vatl
35	gen	
	518_at	U07132 /FEATURE= /DEFINITION=HSU07132 Human steroid hormone receptor Ner-
	423_at	X66899 /FEATURE=cds /DEFINITION=HSEWS H.sapiens EWS mRNA
	391_at	X89416 /FEATURE=cds /DEFINITION=HSRNAPPP5 H.sapiens mRNA for protein phos

239_at M63138 /FEATURE=mRNA /DEFINITION=HUMCATD5 Human cathepsin D (catD) gene,

207_at M86752 /FEATURE= /DEFINITION=HUMIEF Human transformation-sensitive protei

5 METAGENE 262 :

- 33980_at Cluster Incl. X52638:Human mRNA for 6-phosphofructo-2-kinase/fructose-2
- 38853_at Cluster Incl. X81892:H.sapiens mRNA for HE6 Tm7 receptor /cds=(72,3116)
- 36455_at Cluster Incl. L41162:Homo sapiens collagen alpha 3 type IX (COL9A3) mRN
- 10 32242_at Cluster Incl. AL038340:DKFZp566K192_s1 Homo sapiens cDNA, 3 end /clone
- 32243_g_at Cluster Incl. AL038340:DKFZp566K192_s1 Homo sapiens cDNA, 3 end /clo
- 36667_at Cluster Incl. U47025:Human fetal brain glycogen phosphorylase B mRNA, c
- 38803_at Cluster Incl. AF052142:Homo sapiens clone 24665 mRNA sequence /cds=UNKN
- 41815_at Cluster Incl. AL080133:Homo sapiens mRNA; cDNA DKFZp434G173 (from
- 15 clone

METAGENE 263 :

- 31605_at Cluster Incl. U72518:Human destrin-2 pseudogene mRNA, complete cds /cds
- 20 31690_at Cluster Incl. U08997:Human glutamate dehydrogenase gene, complete cds /
- 32316_s_at Cluster Incl. X15183:Human mRNA for 90-kDa heat-shock protein /cds=(6
- 35435_s_at Cluster Incl. AF001903:Human 3-hydroxyacyl-CoA dehydrogenase, isoform
- 38581_at Cluster Incl. U40038:Human GTP-binding protein alpha q subunit (GNAQ) m
- 33716_at Cluster Incl. N95443:zb81c12.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 25 34733_at Cluster Incl. X85237:H.sapiens mRNA for splicing factor SF3a120 /cds=(9
- 36535_at Cluster Incl. U04209:Human associated microfibrillar protein mRNA, comp
- 37250_at Cluster Incl. AB007191:Homo sapiens mRNA for AMY-1, complete cds /cds=(
- 37619_at Cluster Incl. D42084:Human mRNA for KIAA0094 gene, partial cds /cds=(0,
- 38695_at Cluster Incl. AA203303:zx55b01.r1 Homo sapiens cDNA, 5 end /clone=IMAG
- 30 38702_at Cluster Incl. AF070640:Homo sapiens clone 24781 mRNA sequence /cds=UNKN
- 39009_at Cluster Incl. N98670:yy66d08.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
- 39380_at Cluster Incl. AB014597:Homo sapiens mRNA for KIAA0697 protein, partial
- 39386_at Cluster Incl. D14811:Human mRNA for KIAA0110 gene, complete cds /cds=(3
- 39685_at Cluster Incl. AL050282:Homo sapiens mRNA; cDNA DKFZp586H2219 (from
- 35 clon
- 39686_g_at Cluster Incl. AL050282:Homo sapiens mRNA; cDNA DKFZp586H2219 (from cl
- 39790_at Cluster Incl. M23115:Homo sapiens calcium-ATPase (HK2) mRNA, complete c
- 40084_at Cluster Incl. U03494:Human transcription factor LSF mRNA, complete cds
- 40473_at Cluster Incl. AF024636:Homo sapiens STE20-like kinase 3 (mst-3) mRNA, c

- 40874_at Cluster Incl. AJ005259:Homo sapiens mRNA for EDF-1 protein /cds=(34,480
- 41754_at Cluster Incl. M92439:Human leucine-rich protein mRNA, complete cds /cds
- 32765_f_at Cluster Incl. W28330:45d4 Homo sapiens cDNA /gb=W28330 /gi=1308278 /u
- 33820_g_at Cluster Incl. X13794:H.sapiens lactate dehydrogenase B gene exon 1 an
- 5 34307_at Cluster Incl. U81006:Human p76 mRNA, complete cds /cds=(133,2124) /gb=U
- 34356_at Cluster Incl. U52960:Human RNA polymerase II complex component SRB7 mRN
- 34774_at Cluster Incl. U44772:Human palmitoyl protein thioesterase mRNA, complet
- 35325_at Cluster Incl. AF052113:Homo sapiens clone 23675 mRNA sequence /cds=UNKN
- 35754_at Cluster Incl. L40391:Homo sapiens (clone s153) mRNA fragment /cds=UNKNO
- 10 35759_at Cluster Incl. AF026166:Homo sapiens chaperonin-containing TCP-1 beta su
- 35793_at Cluster Incl. AB014560:Homo sapiens mRNA for KIAA0660 protein, complete
- 37029_at Cluster Incl. X83218:H.sapiens mRNA for ATP synthase /cds=(36,677) /gb=
- 37318_at Cluster Incl. X81625:H.sapiens mRNA for Cl1 protein /cds=(135,1448) /gb
- 37675_at Cluster Incl. X60036:H.sapiens mRNA for mitochondrial phosphate carrier
- 15 38035_at Cluster Incl. AF072928:Homo sapiens myotubularin related protein 6 mRNA
- 38431_at Cluster Incl. U09759:Human protein kinase (JNK2) mRNA, complete cds /cd
- 38476_at Cluster Incl. L13434:Human chromosome 3p21.1 gene sequence, complete cd
- 38820_at Cluster Incl. AF051894:Homo sapiens 15 kDa selenoprotein mRNA, complete
- 39097_at Cluster Incl. X63753:H.sapiens son-a mRNA /cds=(414,4985) /gb=X63753 /g
- 20 39118_at Cluster Incl. L08069:Human heat shock protein, E. coli DnaJ homologue m
- 39860_at Cluster Incl. U05040:Human FUSE binding protein mRNA, complete cds /cds
- 40189_at Cluster Incl. M93651:Human set gene, complete cds /cds=(3,836) /gb=M936
- 40637_at Cluster Incl. Y00371:Human hsc70 gene for 71 kd heat shock cognate prot
- 40962_s_at Cluster Incl. D26155:Human mRNA for transcriptional activator hSNF2a,
- 25 41253_s_at Cluster Incl. AI983043:wz30b11.x1 Homo sapiens cDNA, 3 end /clone=IM
- 41495_at Cluster Incl. W37606:zc12a03.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
- 41510_s_at Cluster Incl. L15189:Homo sapiens mitochondrial HSP75 mRNA, complete
- 41514_s_at Cluster Incl. W26628:34a4 Homo sapiens cDNA /gb=W26628 /gi=1307471 /u
- 32547_at Cluster Incl. X56253:Human MPR46 gene for 46kd mannose 6-phosphate rece
- 30 32569_at Cluster Incl. L13385:Homo sapiens(clone 71) Miller-Dieker lissencephaly
- 32573_at Cluster Incl. AL021546:Human DNA sequence from BAC 15E1 on chromosome 1
- 2093_s_at J04977 /FEATURE=mRNA /DEFINITION=HUMKUANT Human Ku
- autoimmune antigen
- 2010_at U33760 /FEATURE= /DEFINITION=HSU33760 Human cyclin A/CDK2-associated p19
- 35 1969_s_at X77743 /FEATURE=cds /DEFINITION=HSCDKAK H.sapiens CDK activating
- kinas
- 1624_at Stimulatory Gdp/Gtp Exchange Protein For C-Ki-Ras P21 And Smg P21
- 1453_at U68018 /FEATURE= /DEFINITION=HSU68018 Human mad protein homolog (hMAD-2)
- 1238_at U09759 /FEATURE= /DEFINITION=HSU09759 Human protein kinase (JNK2) mRNA,

- 1179_at Heat Shock Protein, 70 Kda
 1180_g_at Heat Shock Protein, 70 Kda
 1119_at J05249 /FEATURE= /DEFINITION=HUMREPA Human replication protein A 32-kDa
 1009_at U51004 /FEATURE= /DEFINITION=HSU51004 Homo sapiens protein kinase C inh
5 853_at S74017 /FEATURE= /DEFINITION=S74017 NrF2=NF-E2-like basic leucine zipper
 781_at X98001 /FEATURE=cds /DEFINITION=HSGGII H.sapiens mRNA for geranylgeranyl
 756_at D26350 /FEATURE= /DEFINITION=HUMHT2I Human mRNA for type 2 inositol 1,4,5
 630_at L39874 /FEATURE=expanded_cds /DEFINITION=HUMDODDA Homo sapiens
 deoxycytid
10 621_at M28211 /FEATURE= /DEFINITION=HUMRAB4A Homo sapiens GTP-binding protein (R
 584_s_at M30938 /FEATURE=mRNA#1 /DEFINITION=HUMKUP Human Ku (p70/p80)
 subunit mR
 457_s_at U67122 /FEATURE= /DEFINITION=HSU67122 Human ubiquitin-related protein
 S
15 306_s_at J02621 /FEATURE=mRNA /DEFINITION=HUMHMG14 Human non-histone
 chromosomal

METAGENE 264 :

- 20** 31396_r_at Cluster Incl. AB012851:Homo sapiens mRNA for Musashi, complete cds /c
 35045_r_at Cluster Incl. X60655:H.sapiens EVX1 mRNA /cds=(228,1451) /gb=X60655 /
 32274_r_at Cluster Incl. AF052148:Homo sapiens clone 24507 mRNA sequence /cds=UN
 32933_r_at Cluster Incl. AL050122:Homo sapiens mRNA; cDNA DKFZp586E121 (from clo
 33293_at Cluster Incl. AB023167:Homo sapiens mRNA for KIAA0950 protein, partial
25 32162_r_at Cluster Incl. AI817548:wk24e08.x1 Homo sapiens cDNA, 3 end /clone=IM
 37404_at Cluster Incl. AF030152:Homo sapiens regulator of G protein signaling 12
 2030_at N95031 /FEATURE= /DEFINITION=N95031 zb32b01.s1 Soares_parathyroid_tumor_
 1092_at M65199 /FEATURE= /DEFINITION=HUMET2A Human endothelin 2 (ET2) mRNA,
 comp
30 1026_s_at U41068 /FEATURE=cds /DEFINITION=HSCOLLA5 Human collagen alpha2(XI)
 (CO

METAGENE 265 :

- 35** 35588_at Cluster Incl. AB011414:Homo sapiens ZK1 mRNA for Kruppel-type zinc fing
 31798_at Cluster Incl. AA314825:EST186646 Homo sapiens cDNA, 5 end /clone=ATCC-
 35669_at Cluster Incl. AB014533:Homo sapiens mRNA for KIAA0633 protein, partial
 36828_at Cluster Incl. AB002324:Human mRNA for KIAA0326 gene, partial cds /cds=(
 36643_at Cluster Incl. L20817:Homo sapiens tyrosine protein kinase (CAK) gene, c

40273_at Cluster Incl. AA485440:zx90g03.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 1007_s_at U48705 /FEATURE=mRNA /DEFINITION=HSU48705 Human receptor tyrosine
 kina

5 METAGENE 266 :

35377_at Cluster Incl. AL080159:Homo sapiens mRNA; cDNA DKFZp434M154 (from
 clone
 37618_at Cluster Incl. M16937:Human homeo box c1 protein, mRNA, complete cds /cd
 10 38733_at Cluster Incl. M30938:Human Ku (p70/p80) subunit mRNA, complete cds /cds
 32554_s_at Cluster Incl. Y12781:Homo sapiens mRNA for transducin (beta) like 1 p
 1855_at X14445 /FEATURE=expanded_cds /DEFINITION=HSINT2 Human int-2 proto-oncoge
 1187_at X84740 /FEATURE=mRNA /DEFINITION=HSDNALIG3 H.sapiens mRNA for DNA
 ligase
 15 585_at M30938 /FEATURE=mRNA#2 /DEFINITION=HUMKUP Human Ku (p70/p80) subunit
 mRNA

METAGENE 267 :

20 37467_at Cluster Incl. K02882:Human germline IgD chain gene, C-region, C-delta-1

METAGENE 268 :

39658_at Cluster Incl. AB007901:Homo sapiens KIAA0441 mRNA, complete cds /cds=(1
 25 34740_at Cluster Incl. AF032886:Homo sapiens forkhead protein (FKHRL1) mRNA, com
 37950_at Cluster Incl. X74496:H.sapiens mRNA for prolyl oligopeptidase /cds=(0,2
 39013_at Cluster Incl. Y11588:H.sapiens mRNA for apoptosis specific protein /cds
 39360_at Cluster Incl. AF034546:Homo sapiens sorting nexin 3 (SNX3) mRNA, comple
 34349_at Cluster Incl. AJ011779:Homo sapiens mRNA for SEC63 protein /cds=(98,238
 30 34359_at Cluster Incl. AA524058:ng33b12.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 34819_at Cluster Incl. D14043:Human mRNA for MGC-24, complete cds /cds=(79,648)
 41798_at Cluster Incl. AJ222801:Homo sapiens mRNA for neutral sphingomyelinase /
 202_at M65217 /FEATURE= /DEFINITION=HUMHSF2 Human heat shock factor 2 (HSF2) mRN

35 METAGENE 269 :

39788_at Cluster Incl. X81889:H.sapiens mRNA for p0071 protein /cds=(141,3776) /
 34776_at Cluster Incl. W27541:32c12 Homo sapiens cDNA /gb=W27541 /gi=1307345 /ug
 34780_at Cluster Incl. AB002313:Human mRNA for KIAA0315 gene, partial cds /cds=(

- 35844_at Cluster Incl. D79206:Homo sapiens gene for ryudocan core protein, exon1
 2047_s_at M23410 /FEATURE= /DEFINITION=HUMPLAKO Human plakoglobin (PLAK) mRNA, c
 2051_at M31767 /FEATURE=mRNA /DEFINITION=HUMDNAMET Human O6-methylguanine-
5 DNA me
 1532_g_at U50535 /FEATURE= /DEFINITION=HSU50535 Human BRCA2 region, mRNA sequenc
 634_at L41351 /FEATURE=mRNA /DEFINITION=HUMPROS Homo sapiens prostatic mRNA, com
10 METAGENE 270 :
 31342_at Cluster Incl. X85019:H.sapiens mRNA for UDP-GalNAc-polypeptide N-acetyl
 31682_s_at Cluster Incl. D32039:Human pgH3 mRNA for proteoglycan PG-M(V3), compl
15 31720_s_at Cluster Incl. M10905:Human cellular fibronectin mRNA /cds=(0,2383) /g
 35474_s_at Cluster Incl. Y15915:Homo sapiens mRNA for chimaeric transcript of co
 39254_at Cluster Incl. AL050011:Homo sapiens mRNA; cDNA DKFZp564G013 (from clone
 41098_at Cluster Incl. AB002379:Human mRNA for KIAA0381 gene, partial cds /cds=(
20 32098_at Cluster Incl. M20777:Homo sapiens, alpha-2 (VI) collagen /cds=UNKNOWN /
 34747_at Cluster Incl. X83535:H.sapiens mRNA for membrane-type matrix metallopro
 39018_at Cluster Incl. AF026977:Homo sapiens microsomal glutathione S-transferas
 40126_at Cluster Incl. Z97200:Homo sapiens DNA sequence from PAC 79C4 on chromos
 41350_at Cluster Incl. M20776:Homo sapiens, alpha-1 (VI) collagen /cds=UNKNOWN /
25 311_s_at Fibronectin, Alt. Splice 1
 128_at X82153 /FEATURE=cds /DEFINITION=HSOC2RNA H.sapiens mRNA for cathepsin O
 129_g_at X82153 /FEATURE=cds /DEFINITION=HSOC2RNA H.sapiens mRNA for cathepsin O
30 METAGENE 271 :
 33499_s_at Cluster Incl. AF067420:Homo sapiens SNC73 protein (SNC73) mRNA, compl
 33500_i_at Cluster Incl. S71043:Ig alpha 2=immunoglobulin A heavy chain allotype
 33501_r_at Cluster Incl. S71043:Ig alpha 2=immunoglobulin A heavy chain allotype
35 33382_at Cluster Incl. M92449:Human LTR mRNA, 3' end of coding region and 3' fla
 38124_at Cluster Incl. X55110:Human mRNA for neurite outgrowth-promoting protein
 577_at M94250 /FEATURE=expanded_cds /DEFINITION=HUMMKXX Human retinoic acid indu

METAGENE 272 :

- 33674_at Cluster Incl. Z49148:H.sapiens mRNA for ribosomal protein L29 /cds=(29,
41108_at Cluster Incl. Y14391:Homo sapiens mRNA for putative GTP-binding protein
- 5** 41115_s_at Cluster Incl. AB018277:Homo sapiens mRNA for KIAA0734 protein, partia
41637_at Cluster Incl. AF108145:Homo sapiens MYLE mRNA, complete cds /cds=(52,25
41865_at Cluster Incl. AF052185:Homo sapiens clone 24418 mRNA sequence /cds=UNKN
33315_at Cluster Incl. M29204:Human DNA-binding factor mRNA, complete cds /cds=(
34260_at Cluster Incl. AB014583:Homo sapiens mRNA for KIAA0683 protein, complete
- 10** 35987_g_at Cluster Incl. AL050395:Homo sapiens mRNA; cDNA DKFZp586D1020 (from cl
36519_at Cluster Incl. M13194:Human excision repair protein (ERCC1) mRNA, comple
36553_at Cluster Incl. AA669799:ag36c04.s1 Homo sapiens cDNA, 3 end /clone=IMAG
38251_at Cluster Incl. AI127424:qb75b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
38274_at Cluster Incl. U09584:Human PL6 protein (PL6) mRNA, complete cds /cds=(2
- 15** 32858_at Cluster Incl. AI341565:qq94g11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
34841_at Cluster Incl. AC002544:Homo sapiens Chromosome 16 BAC clone CIT987SK-A-
35265_at Cluster Incl. U31501:Human fragile X mental retardation syndrome relate
36137_at Cluster Incl. X86691:H.sapiens mRNA for 218kD Mi-2 protein /cds=(89,582
36624_at Cluster Incl. L33842:Homo sapiens (clone FFE-7) type II inosine monopho
- 20** 37713_at Cluster Incl. L07548:Human aminoacylase-1 (ACY1) mRNA, complete cds /cd
38376_at Cluster Incl. L46590:Homo sapiens very long chain acyl-CoA dehydrogenas
38798_s_at Cluster Incl. AI741833:wg29e04.x1 Homo sapiens cDNA, 3 end /clone=IM
39867_at Cluster Incl. S75463:P43=mitochondrial elongation factor homolog [human
2052_g_at M31767 /FEATURE=mRNA /DEFINITION=HUMDNAMET Human O6-
- 25** methylguanine-DNA
1878_g_at M13194 /FEATURE=mRNA /DEFINITION=HUMERCC1 Human excision repair
protei
1817_at D89667 /FEATURE= /DEFINITION=D89667 Homo sapiens mRNA for c-myc binding
1468_at U12595 /FEATURE= /DEFINITION=HSU12595 Human tumor necrosis factor type 1
- 30** 1243_at U18300 /FEATURE= /DEFINITION=HSU18300 Human damage-specific DNA binding

METAGENE 273 :

- 35907_at Cluster Incl. Z36714:H.sapiens mRNA for cyclin F /cds=(43,2403) /gb=Z36
- 35** 41400_at Cluster Incl. K02581:Human thymidine kinase mRNA, complete cds /cds=(57
37184_at Cluster Incl. L37792:Human syntaxin 1A mRNA, complete cds /cds=(1,867)
37927_at Cluster Incl. X12654:Human mRNA for cell cycle gene RCC1 /cds=(182,1447
37985_at Cluster Incl. L37747:Homo sapiens lamin B1 gene /cds=(340,2100) /gb=L37
37305_at Cluster Incl. U61145:Human enhancer of zeste homolog 2 (EZH2) mRNA, com

- 37326_at Cluster Incl. U93305:Homo sapiens A4 differentiation-dependent protein
- 38094_at Cluster Incl. M65028:Human hnRNP type A/B protein mRNA, complete cds /c
- 39108_at Cluster Incl. U22526:Human 2,3-oxidosqualene-lanosterol cyclase mRNA, c
- 40532_at Cluster Incl. U75285:Homo sapiens apoptosis inhibitor survivin gene, co
- 5** 32617_at Cluster Incl. W74442:zd75c09.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 33135_at Cluster Incl. U17566:Human 65 kDa hydrophobic protein mRNA, complete cd
- 1854_at X13293 /FEATURE=cds /DEFINITION=HSBMYB Human mRNA for B-myb gene
- 1782_s_at M31303 /FEATURE=mRNA /DEFINITION=HUMOP18A Human oncoprotein 18 (Op18)
- 10** 967_g_at X97795 /FEATURE=cds /DEFINITION=HSRAD54 H.sapiens mRNA homologous to S.
- 348_at D14678 /FEATURE= /DEFINITION=HUMMHCB Human mRNA for kinesin-related prote
- METAGENE 274 :
- 15**
- 31685_at Cluster Incl. Y08976:H.sapiens mRNA for FEV protein /cds=(584,1300) /gb
- 31759_at Cluster Incl. W26220:22d9 Homo sapiens cDNA /gb=W26220 /gi=1306631 /ug=
- 33685_at Cluster Incl. AC004755:Homo sapiens chromosome 19, fosmid 37502 /cds=(0
- 33503_at Cluster Incl. W29105:56d8 Homo sapiens cDNA /gb=W29105 /gi=1309071 /ug=
- 20** 34525_at Cluster Incl. AB018563:Homo sapiens TML1 mRNA, complete cds /cds=(30,41
- 34926_at Cluster Incl. M28825:Human thymocyte antigen CD1a mRNA, complete cds /c
- 36765_at Cluster Incl. AL080154:Homo sapiens mRNA; cDNA DKFZp434I114 (from clone
- 36779_at Cluster Incl. X90908:H.sapiens mRNA for I-15P (I-BABP) protein /cds=(12
- 38506_at Cluster Incl. X58840:Human mRNA for variant hepatic nuclear factor 1 (v
- 25** 41030_at Cluster Incl. X99350:H.sapiens HFH4 gene, exon 1 and joined CDS /cds=(2
- 41099_at Cluster Incl. X84740:H.sapiens mRNA for DNA ligase III /cds=(333,3101)
- 33740_at Cluster Incl. AF023268:Homo sapiens clk2 kinase (CLK2), propin1, cotel1,
- 33754_at Cluster Incl. U43203:Human thyroid transcription factor 1 (TTF-1) mRNA,
- 33808_at Cluster Incl. AL022721:dJ109F14.1.1 (Transcriptional Enhancer Factor TE
- 30** 35686_s_at Cluster Incl. Z24459:H.sapiens MTCP1 gene, exons 2A to 7 (and joined
- 33346_r_at Cluster Incl. M61764:Human gamma-tubulin mRNA, complete cds /cds=(24,
- 33857_at Cluster Incl. N25122:yx19d10.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
- 34298_at Cluster Incl. X69532:H.sapiens gene for inter-alpha-trypsin inhibitor h
- 36613_at Cluster Incl. U09585:Homo sapiens putative interferon-related protein (
- 35** 38468_at Cluster Incl. U65676:Human Hermansky-Pudlak syndrome protein (HPS) mRNA
- 40584_at Cluster Incl. Y08612:Homo sapiens mRNA for nuclear pore complex protein
- 41359_at Cluster Incl. Z98265:Homo sapiens mRNA for plakophilin 3 /cds=(74,2467)
- 1524_at U46194 /FEATURE= /DEFINITION=HSU46194 Human renal cell carcinoma antigen

METAGENE 275 :

- 31472_s_at Cluster Incl. AF098641:Homo sapiens CD44 isoform RC (CD44) mRNA, comp
 34649_at Cluster Incl. M14219:Human chondroitin/dermatan sulfate proteoglycan (P
5 2036_s_at M59040 /FEATURE= /DEFINITION=HUMCD44B Human cell adhesion
 molecule (CD
 1125_s_at L05424 /FEATURE=cds#1 /DEFINITION=HUMSCG19 Human cell surface
 glycopro
 1126_s_at L05424 /FEATURE=cds#5 /DEFINITION=HUMSCG19 Human cell surface
10 glycopro

METAGENE 276 :

- 38863_at Cluster Incl. L07540:Human replication factor C, 36-kDa subunit mRNA, c
15 32115_r_at Cluster Incl. X68486:H.sapiens mRNA for A2a adenosine receptor /cds=(
 40821_at Cluster Incl. M61832:Human S-adenosylhomocysteine hydrolase (AHCY) mRNA
 1410_at J03258 /FEATURE=mRNA /DEFINITION=HUMVDR Human vitamin D receptor mRNA,
 c
 1191_s_at AB003102 /FEATURE= /DEFINITION=AB003102 Homo sapiens mRNA for 26S
20 prot
 981_at X74794 /FEATURE=cds /DEFINITION=HSP1CDC21 H.sapiens P1-Cdc21 mRNA

METAGENE 277 :

- 25** 34706_at Cluster Incl. AB011090:Homo sapiens mRNA for KIAA0518 protein, partial
 35979_at Cluster Incl. AF081287:Homo sapiens serine phosphatase FCP1a (FCP1) mRN
 36939_at Cluster Incl. D49958:Homo sapiens mRNA for membrane glycoprotein M6, co
 362_at Z15108 /FEATURE=cds /DEFINITION=HSPKCZ H.sapiens mRNA for protein kinase

30 METAGENE 278 :

- 31497_at Cluster Incl. U19142:Human GAGE-1 protein mRNA, complete cds /cds=(48,4
 31498_f_at Cluster Incl. U19147:Human GAGE-6 protein mRNA, complete cds /cds=(81
 31953_f_at Cluster Incl. U19144:Human GAGE-3 protein mRNA, complete cds /cds=(99
35 31954_f_at Cluster Incl. AA447559:zw81e11.s1 Homo sapiens cDNA, 3' end /clone=IM
 31960_f_at Cluster Incl. U19143:Human GAGE-2 protein mRNA, complete cds /cds=(83
 33671_f_at Cluster Incl. U19145:Human GAGE-4 protein mRNA, complete cds /cds=(82
 33680_f_at Cluster Incl. AF058988:Homo sapiens melanoma antigen related GAGE-7 m
 37065_f_at Cluster Incl. U19146:Human GAGE-5 protein mRNA, complete cds /cds=(74

METAGENE 279 :

- 34133_at Cluster Incl. AL049685:Human gene from PAC 37M17, chromosome X, similar
5 36477_at Cluster Incl. X90780:Homo sapiens TNNT3 gene /cds=(143,775) /gb=X90780
 35297_at Cluster Incl. AC002400:Human Chromosome 16 BAC clone CIT987SK-A-735G6
 /
 38480_s_at Cluster Incl. U66867:Human ubiquitin conjugating enzyme 9 (hUBC9) mRNA

10 METAGENE 280 :

- 31723_at Cluster Incl. X70377:H.sapiens mRNA for cystatin D /cds=(4,432) /gb=X70
 32045_at Cluster Incl. AB002331:Human mRNA for KIAA0333 gene, partial cds /cds=(
 34693_at Cluster Incl. U14550:Human sialyltransferase SThM (sthm) mRNA, complete
15 35203_at Cluster Incl. AB002381:Human mRNA for KIAA0383 gene, partial cds /cds=(
 37891_at Cluster Incl. U79272:Human clone 23720 mRNA sequence /cds=UNKNOWN
 /gb=U
 39725_at Cluster Incl. L10910:Homo sapiens splicing factor (CC1.3) mRNA, complet
 40432_at Cluster Incl. AA522891:ni41b12.s1 Homo sapiens cDNA, 3 end /clone=IMAG
20 41126_at Cluster Incl. AA978353:oq40b07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 32174_at Cluster Incl. AF015926:Homo sapiens ezrin-radixin-moesin binding phosph
 33881_at Cluster Incl. AA977580:on61b02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35350_at Cluster Incl. AB011170:Homo sapiens mRNA for KIAA0598 protein, complete
 38394_at Cluster Incl. D42047:Human mRNA for KIAA0089 gene, partial cds /cds=(0,
25

METAGENE 281 :

- 34934_at Cluster Incl. L29376:Homo sapiens (clone 3.8-1) MHC class I mRNA fragme
 37112_at Cluster Incl. AB002384:Human mRNA for KIAA0386 gene, complete cds /cds=
30 38522_s_at Cluster Incl. X52785:H.sapiens CD22 mRNA /cds=(34,1977) /gb=X52785 /g
 39582_at Cluster Incl. AL050166:Homo sapiens mRNA; cDNA DKFZp586D1122 (from
 clon
 40688_at Cluster Incl. AJ223280:Homo sapiens mRNA for 36 kDa phosphotyrosine pr
 36067_at Cluster Incl. AB000887:Homo sapiens mRNA for EB11-ligand chemokine, com
35 37579_at Cluster Incl. L47738:Homo sapiens inducible protein mRNA, complete cds
 40143_at Cluster Incl. D50930:Human mRNA for KIAA0140 gene, complete cds /cds=(2
 35786_at Cluster Incl. AB007945:Homo sapiens mRNA for KIAA0476 protein, complete

METAGENE 282 :

- 40111_g_at Cluster Incl. U49283:Human NAD⁺-specific isocitrate dehydrogenase bet
 37329_at Cluster Incl. AF053070:Homo sapiens NADH-ubiquinone dehydrogenase 51 kD
 40171_at Cluster Incl. AF062739:Homo sapiens GSK-3 binding protein FRAT2 (FRAT2)
 5 41810_at Cluster Incl. AA203545:zx59a05.r1 Homo sapiens cDNA, 5' end /clone=IMAG
 1108_s_at M18391 /FEATURE= /DEFINITION=HUMTKR Human tyrosine kinase receptor
 (ep

METAGENE 283 :

10

- 35937_at Cluster Incl. U65416:Human MHC class I molecule (MICB) gene, complete c
 38923_at Cluster Incl. L76159:Homo sapiens FRG1 mRNA, complete cds /cds=(191,967
 39670_at Cluster Incl. AL050034:Homo sapiens mRNA; cDNA DKFZp566G0224 (from
 clon
 15 38651_at Cluster Incl. U60061:Human FEZ2 mRNA, partial cds /cds=(0,461) /gb=U600
 40818_at Cluster Incl. D14041:Homo sapiens mRNA for H-2K binding factor-2, compl
 41167_at Cluster Incl. M64929:Human protein phosphatase 2A alpha subunit mRNA, c
 33133_at Cluster Incl. U80184:Homo sapiens FLII gene, complete cds /cds=(35,3844

20 METAGENE 284 :

- 35960_at Cluster Incl. AF031416:Homo sapiens Ikb kinase beta subunit mRNA, compl
 31800_at Cluster Incl. AL050136:Homo sapiens mRNA; cDNA DKFZp586L141 (from
 clone
 25 31801_at Cluster Incl. AI808712:wf57c05.x1 Homo sapiens cDNA, 3' end /clone=IMAG
 37237_at Cluster Incl. D38293:Homo sapiens mRNA for clathrin-like protein, compl
 36102_at Cluster Incl. AF038962:Homo sapiens voltage dependent anion channel pro
 36956_at Cluster Incl. L20852:Human leukemia virus receptor 2 (GLVR2) mRNA, comp
 1772_s_at L00634 /FEATURE= /DEFINITION=HUMFPTA Human farnesyl-protein
 30 transferas
 1696_at D29013 /FEATURE= /DEFINITION=HUMLNCAP Human mRNA for DNA polymerase
 beta
 1499_at L10413 /FEATURE= /DEFINITION=HUMFTA Human farnesyltransferase alpha-subu
 1137_at L20852 /FEATURE= /DEFINITION=HUMGLVR2X Human leukemia virus receptor 2 (
 35 840_at U47742 /FEATURE= /DEFINITION=HSU47742 Human monocytic leukaemia zinc fing

METAGENE 285 :

- 41051_at Cluster Incl. X95073:H.sapiens mRNA for translin associated protein X /

	41619_at	Cluster Incl. AL022398:dJ434O14.4 (Interferon Regulatory Factor 6) /cds
	32738_at	Cluster Incl. AF050640:Homo sapiens NADH-ubiquinone oxidoreductase NDUF
	34292_at	Cluster Incl. X92475:H.sapiens mRNA for ITBA1 protein /cds=(284,1069) /
	34688_at	Cluster Incl. AB029001:Homo sapiens mRNA for KIAA1078 protein, partial
5	36827_at	Cluster Incl. AF020762:Homo sapiens clone 1400 unknown protein mRNA, pa
	37256_at	Cluster Incl. AI829890:wj47a06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	37900_at	Cluster Incl. AF093670:Homo sapiens peroxisomal biogenesis factor (PEX1
	38679_g_at	Cluster Incl. AA733050:zg79b05.s1 Homo sapiens cDNA, 3 end /clone=39
	39012_g_at	Cluster Incl. X99906:Homo sapiens mRNA for alpha endosulfine /cds=(12
10	39713_at	Cluster Incl. AJ132440:Homo sapiens mRNA for PLU-1 protein /cds=(89,472
	40471_at	Cluster Incl. Y09048:H.sapiens PxF gene /cds=(10,909) /gb=Y09048 /gi=25
	40779_at	Cluster Incl. U59919:Human Smg GDS-associated protein SMAP.mRNA, comple
	41146_at	Cluster Incl. J03473:Human poly(ADP-ribose) synthetase mRNA, complete c
	41170_at	Cluster Incl. AB014563:Homo sapiens mRNA for KIAA0663 protein, complete
15	33899_at	Cluster Incl. U34252:Human gamma-aminobutyraldehyde dehydrogenase mRNA,
	34352_at	Cluster Incl. AA631698:np79a08.s1 Homo sapiens cDNA /clone=IMAGE-113250
	34385_at	Cluster Incl. U57877:Human integral membrane protein CII-3 mRNA, nuclea
	34387_at	Cluster Incl. D86960:Human mRNA for KIAA0205 gene, complete cds /cds=(2
	35296_at	Cluster Incl. AB019036:Homo sapiens mRNA for geranylgeranyl pyrophospha
20	35318_at	Cluster Incl. AB007944:Homo sapiens mRNA for KIAA0475 protein, complete
	35762_at	Cluster Incl. AB007952:Homo sapiens mRNA for KIAA0483 protein, partial
	36198_at	Cluster Incl. D13641:Human mRNA for KIAA0016 gene, complete cds /cds=(1
	36647_at	Cluster Incl. AA526812:ni92a08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	38390_at	Cluster Incl. Z34975:H.sapiens LDLC mRNA /cds=(95,2311) /gb=Z34975 /gi=
25	38441_s_at	Cluster Incl. X59408:H.sapiens, gene for Membrane cofactor protein /c
	39116_at	Cluster Incl. AF070626:Homo sapiens clone 24483 unknown mRNA, parital c
	41335_at	Cluster Incl. AL050084:Homo sapiens mRNA; cDNA DKFZp566O1646 (from clon
	41354_at	Cluster Incl. U25997:Homo sapiens stanniocalcin precursor (STC) mRNA, c
30	41562_at	Cluster Incl. L13689:Human prot-oncogene (BMI-1) mRNA, complete cds /cd
	41834_g_at	Cluster Incl. AB016492:Homo sapiens hJTB gene, complete cds /cds=(464
	32504_at	Cluster Incl. AW024812:wu69c05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	1356_at	U18321 /FEATURE= /DEFINITION=HSU18321 Human ionizing radiation resistanc
	1287_at	J03473 /FEATURE=mRNA /DEFINITION=HUMRISDAD Human poly(ADP-ribose)
35	synthe	
	903_at	L42373 /FEATURE=mRNA /DEFINITION=HUMPP2A Homo sapiens phosphatase 2A
	B56-	

METAGENE 286 :

	40758_at	Cluster Incl. X81788:Homo sapiens ICT1 (alias DS-1) mRNA /cds=(2,622) /
	41480_at	Cluster Incl. AF029669:Homo sapiens Rad51C (RAD51C) mRNA, complete cds
	39073_at	Cluster Incl. AL038662:DKFZp566I0346_r1 Homo sapiens cDNA, 5' end /clon
5	39707_at	Cluster Incl. AB014547:Homo sapiens mRNA for KIAA0647 protein, partial
	40056_at	Cluster Incl. D87989:Human mRNA for UDP-galactose transporter related i
	40427_at	Cluster Incl. AA149486:z127g01.r1 Homo sapiens cDNA, 5' end /clone=IMAG
	32758_g_at	Cluster Incl. U84720:Homo sapiens mRNA export protein (RAE1) mRNA, co
	33415_at	Cluster Incl. X58965:H.sapiens RNA for nm23-H2 gene /cds=(72,530) /gb=X
10	35321_at	Cluster Incl. AB004884:Homo sapiens mRNA for PKU-alpha, partial cds /cd
	35760_at	Cluster Incl. AF087135:Homo sapiens F1FO-type ATPase subunit d mRNA, nu
	36592_at	Cluster Incl. S85655:prohibitin [human, mRNA, 1043 nt] /cds=(50,868) /g
	37766_s_at	Cluster Incl. AF035309:Homo sapiens clone 23598 mRNA, complete cds /c
	38470_i_at	Cluster Incl. D86981:Human mRNA for KIAA0228 gene, partial cds /cds=(
15	39152_f_at	Cluster Incl. U06632:Homo sapiens p80-coilin mRNA, complete cds /cds=
	40533_at	Cluster Incl. AI417038:tg78b04.x1 Homo sapiens cDNA, 3' end /clone=IMAG
	41824_at	Cluster Incl. AI140114:qa95c06.x1 Homo sapiens cDNA, 3' end /clone=IMAG
	33107_at	Cluster Incl. AB020705:Homo sapiens mRNA for KIAA0898 protein, partial
	1980_s_at	X58965 /FEATURE= /DEFINITION=HSNM23H2G H.sapiens RNA for nm23-H2
20	gene	
	1985_s_at	X73066 /FEATURE=cds /DEFINITION=HSNM23H1A H.sapiens NM23-H1
	mRNA	
	1614_s_at	X63546 /FEATURE=cds#2 /DEFINITION=HSTRE210 H.sapiens mRNA for tre
	onco	
25	1521_at	X17620 /FEATURE=mRNA /DEFINITION=HSNM23 Human mRNA for Nm23 protein,
	inv	
	508_at	U43923 /FEATURE= /DEFINITION=HSU43923 Human transcription factor SUPT4H m
	METAGENE 287 :	
30		
	32941_at	Cluster Incl. M91196:Homo sapiens DNA-binding protein mRNA, complete cd
	34947_at	Cluster Incl. AA442560:zv75g07.r1 Homo sapiens cDNA, 5' end /clone=IMAG
	38547_at	Cluster Incl. Y00796:Human mRNA for leukocyte-associated molecule-1 alp
	39210_at	Cluster Incl. M58597:Human ELAM-1 ligand fucosyltransferase (ELFT) mRNA
35	32737_at	Cluster Incl. M64595:Human small G protein (Gx) mRNA, 3' end /cds=(0,54
	35974_at	Cluster Incl. U10485:Human lymphoid-restricted membrane protein (Jaw1)
	39428_at	Cluster Incl. AF055581:Homo sapiens adaptor protein Lnk mRNA, complete
	40519_at	Cluster Incl. Y00638:Human mRNA for leukocyte common antigen (T200) /cd
	40520_g_at	Cluster Incl. Y00638:Human mRNA for leukocyte common antigen (T200) /

- 38438_at Cluster Incl. M58603:Human nuclear factor kappa-B DNA binding subunit (
- 32593_at Cluster Incl. D42043:Human mRNA for KIAA0084 gene, partial cds /cds=(0,
- 2024_s_at M79321 /FEATURE= /DEFINITION=HUMLYNTK Human Lyn B protein mRNA, comple
- 5** 1984_s_at X69549 /FEATURE=cds /DEFINITION=HSRHO2 H.sapiens mRNA for rho GDP-diss
- 1456_s_at M63838 /FEATURE= /DEFINITION=HUMIFI16A Human interferon-gamma induced
- 1146_at Cd4 Antigen
- 10** 432_s_at X02883 /FEATURE=cds /DEFINITION=HSTCRAC Human gene for T-cell receptor

METAGENE 288 :

- 15** 32318_s_at Cluster Incl. X63432:H.sapiens ACTB mRNA for mutant beta-actin (beta-
- 37448_s_at Cluster Incl. X56009:Human GSA mRNA for alpha subunit of GsGTP bindin
- 37449_i_at Cluster Incl. X04409:Human mRNA for coupling protein G(s) alpha-subun
- 37450_r_at Cluster Incl. X04409:Human mRNA for coupling protein G(s) alpha-subun
- 35360_at Cluster Incl. Y17711:Homo sapiens mRNA for atopy related autoantigen CA
- 20** 35733_at Cluster Incl. AF006082:Homo sapiens actin-related protein Arp2 (ARP2) m
- 131_at X83928 /FEATURE=cds /DEFINITION=HSTAFII28 H.sapiens mRNA for transcriptio

METAGENE 289 :

- 25** 35090_g_at Cluster Incl. AB005060:Homo sapiens mRNA for NTAK, complete cds /cds=
- 39272_g_at Cluster Incl. AA461365:zx70e07.r1 Homo sapiens cDNA, 5 end /clone=IM
- 39550_at Cluster Incl. AB011156:Homo sapiens mRNA for KIAA0584 protein, partial

METAGENE 290 :

- 30**
- 32340_s_at Cluster Incl. M85234:Human nuclease sensitive element binding protein
- 32901_s_at Cluster Incl. AC005192:Homo sapiens BAC clone RG163K11 from 7q31 /cds
- 36284_at Cluster Incl. Y12642:H.sapiens E48 gene /cds=(24,410) /gb=Y12642 /gi=27
- 39660_at Cluster Incl. AI309115:qo71a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 35** 40036_at Cluster Incl. AF035940:Homo sapiens MAGOH mRNA, complete cds /cds=(65,5
- 41401_at Cluster Incl. U57646:Homo sapiens cysteine and glycine-rich protein 2 (
- 41852_at Cluster Incl. U22377:Human Zn-15 related zinc finger protein (rlf) mRNA
- 33255_at Cluster Incl. M97856:Homo sapiens histone-binding protein mRNA, complet
- 36496_at Cluster Incl. AF014398:Homo sapiens myo-inositol monophosphatase 2 mRNA

	36832_at	Cluster Incl. AB015630:Homo sapiens mRNA for type II membrane protein,
	38352_at	Cluster Incl. AF016371:Homo sapiens U-snRNP-associated cyclophilin (USA
	40454_at	Cluster Incl. X87241:H.sapiens mRNA for hFat protein /cds=(186,13958) /
	40506_s_at	Cluster Incl. U75686:Homo sapiens polyadenylate binding protein mRNA,
5	41762_at	Cluster Incl. D64015:Homo sapiens mRNA for T-cluster binding protein, c
	33912_at	Cluster Incl. Y13834:Homo sapiens mRNA for farnesylated-proteins conver
	34333_at	Cluster Incl. AL021707:Human DNA sequence from clone 508I15 on chromoso
	36104_at	Cluster Incl. AA526497:ni96d07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	36135_at	Cluster Incl. U86602:Human nucleolar protein p40 mRNA, complete cds /cd
10	36204_at	Cluster Incl. Y00815:Human mRNA for LCA-homolog. LAR protein (leukocyte
	36671_at	Cluster Incl. M27396:Human asparagine synthetase mRNA, complete cds /cd
	37679_at	Cluster Incl. Y10313:Homo sapiens mRNA IFRD1 (PC4) interferon-related d
	37749_at	Cluster Incl. D78611:Human MEST mRNA, complete cds /cds=(223,1230) /gb=
	40271_at	Cluster Incl. D42085:Human mRNA for KIAA0095 gene, complete cds /cds=(6
15	2035_s_at	M55914 /FEATURE= /DEFINITION=HUMCMYCQ Human c-myc binding protein (MBP
	980_at	AF002020 /FEATURE= /DEFINITION=AF002020 Homo sapiens Niemann-Pick C disea
	738_at	D38524 /FEATURE= /DEFINITION=HUM5N Human mRNA for 5 -nucleotidase
20	METAGENE 291 :	
	31431_at	Cluster Incl. U12255:Human IgG Fc receptor hFcRn mRNA, complete cds /cd
	31492_at	Cluster Incl. AB019392:Homo sapiens mRNA of muscle specific gene M9, co
	36749_at	Cluster Incl. M73720:Human mast cell carboxypeptidase A (MC-CPA) gene /
25	41102_at	Cluster Incl. U66359:Human T54 protein (T54) mRNA, complete cds /cds=(6
	41662_at	Cluster Incl. AL050272:Homo sapiens mRNA; cDNA DKFZp566B183 (from clone
	36461_at	Cluster Incl. U41804:Human putative T1/ST2 receptor binding protein pre
	36492_at	Cluster Incl. AI347155:tc04c11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30	36530_g_at	Cluster Incl. AI885381:wl93b01.x1 Homo sapiens cDNA, 3 end /clone=IM
	36531_r_at	Cluster Incl. AC005757:Homo sapiens chromosome 19, cosmid R32611 /cds
	38719_at	Cluster Incl. U03985:Human N-ethylmaleimide-sensitive factor mRNA, part
	39075_at	Cluster Incl. AF040958:Homo sapiens lysosomal neuraminidase precursor,
	40078_at	Cluster Incl. AF015287:Homo sapiens serine protease mRNA, complete cds
35	40410_at	Cluster Incl. W26651:34c5 Homo sapiens cDNA /gb=W26651 /gi=1307494 /ug=
	40514_at	Cluster Incl. AF091085:Homo sapiens clone 638 unknown mRNA, complete se
	32799_at	Cluster Incl. AF023268:Homo sapiens clk2 kinase (CLK2), propin1, cote1,
	33347_at	Cluster Incl. AA883868:am26e11.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	35351_at	Cluster Incl. U89505:Human Hlark mRNA, complete cds /cds=(55,1155) /gb=

- 36194_at Cluster Incl. M63959:Human alpha-2-macroglobulin receptor-associated pr
 36989_at Cluster Incl. L19711:Human dystroglycan (DAG1) mRNA, complete cds /cds=
 37315_f_at Cluster Incl. AI057607:oy31e07.x1 Homo sapiens cDNA, 3 end /clone=IM
 37361_at Cluster Incl. AF010187:Homo sapiens FGF-1 intracellular binding protein
5 37704_at Cluster Incl. Z14093:H.sapiens mRNA for branched chain decarboxylase al
 38054_at Cluster Incl. AF029890:Homo sapiens hepatitis B virus X interacting pro
 38439_at Cluster Incl. L24123:Homo sapiens NRF1 protein (NRF1) mRNA
 /cds=UNKNOWN
 38451_at Cluster Incl. T58471:yb61c11.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
10 32528_at Cluster Incl. Z50853:H.sapiens mRNA for CLPP /cds=(19,852) /gb=Z50853 /
 32574_at Cluster Incl. X59960:H.sapiens mRNA for sphingomyelinase /cds=(122,2005
 1444_at AB003177 /FEATURE= /DEFINITION=AB003177 Homo sapiens mRNA for proteasome
 1257_s_at L42379 /FEATURE=mRNA /DEFINITION=HUMBPGF Homo sapiens bone-
 derived gro
15 1142_at Fibroblast Growth Factor Receptor K-Sam, Alt. Splice 1
 338_at AF005887 /FEATURE= /DEFINITION=AF005887 Homo sapiens ATF family member AT
 180_at S82470 /FEATURE= /DEFINITION=S82470 BB1=malignant cell expression-enhance
 115_at X14787 /FEATURE=cds /DEFINITION=HSTS Human mRNA for thrombospondin

20 METAGENE 292 :

 36305_at Cluster Incl. M95167:Homo sapiens dopamine transporter (SLC6A3) mRNA, c
 37447_at Cluster Incl. AF015257:Homo sapiens flow-induced endothelial G protein-
 37510_at Cluster Incl. AF036715:Homo sapiens syntaxin 8 mRNA, complete cds /cds=
25 36865_at Cluster Incl. AB018302:Homo sapiens mRNA for KIAA0759 protein, partial
 37599_at Cluster Incl. AF017060:untitled /cds=(298,4314) /gb=AF017060 /gi=234315
 33444_at Cluster Incl. D30756:Human mRNA for KIAA0049 gene, complete cds /cds=(1
 38741_at Cluster Incl. U70728:Human cytohesin-2 mRNA, complete cds /cds=(158,136
 1246_at U35234 /FEATURE= /DEFINITION=HSU35234 Human protein tyrosine phosphatase
30
 METAGENE 293 :

 33633_at Cluster Incl. AF030335:Homo sapiens purinergic P2Y11 receptor (P2Y11) m
 38594_i_at Cluster Incl. AB006622:Homo sapiens mRNA for KIAA0284 gene, partial c
35 39258_at Cluster Incl. AI627877:ty20b09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 32622_at Cluster Incl. L36983:Homo sapiens dynamin (DNM) mRNA, complete cds /cds
 38259_at Cluster Incl. AB002559:Homo sapiens mRNA for hunc18b2, complete cds /cd
 35749_at Cluster Incl. AF069733:Homo sapiens ADA3-like protein mRNA, complete cd
 36644_at Cluster Incl. D29963:Homo sapiens mRNA for CD151, complete cds /cds=(84

- 41281_s_at Cluster Incl. AF060502:Homo sapiens peroxisome assembly protein PEX10
 41282_s_at Cluster Incl. AA194159:zr37h01.r1 Homo sapiens cDNA, 5' end /clone=IM
 41526_at Cluster Incl. AF072836:Homo sapiens Sox-like transcriptional factor mRNA
 2084_s_at D12765 /FEATURE= /DEFINITION=HUME1AF Human mRNA for E1A-F
- 5** 1700_at U82987 /FEATURE= /DEFINITION=HSU82987 Human Bcl-2 binding component 3 (b
 1397_at L32976 /FEATURE= /DEFINITION=HUMMLK3A Human protein kinase (MLK-3)
 mRNA,
 1374_g_at M31523 /FEATURE= /DEFINITION=HUMTFAA Human transcription factor
 (E2A)
- 10** 1271_g_at L19067 /FEATURE= /DEFINITION=HUMNFKB65A Human NF-kappa-B
 transcription
 993_at X54637 /FEATURE=cds /DEFINITION=HSTYK2 Human tyk2 mRNA for non-receptor p
 505_at U43077 /FEATURE= /DEFINITION=HSU43077 Human CDC37 homolog mRNA,
 complete
- 15** METAGENE 294 :
- 35925_at Cluster Incl. AF040639:Homo sapiens aflatoxin B1-aldehyde reductase mRNA
 36778_at Cluster Incl. Z48804:H.sapiens mRNA (ocular albinism type 1 related) /c
- 20** 37780_at Cluster Incl. AB011131:Homo sapiens mRNA for KIAA0559 protein, partial
 41111_at Cluster Incl. U68418:Human branched chain aminotransferase precursor (B
 37897_s_at Cluster Incl. AI985964:wr79d08.x1 Homo sapiens cDNA, 3' end /clone=IM
 38292_at Cluster Incl. AF093264:Homo sapiens homer-2b mRNA, complete cds /cds=(0
 39369_at Cluster Incl. AB023152:Homo sapiens mRNA for KIAA0935 protein, partial
- 25** 38418_at Cluster Incl. X59798:Human PRAD1 mRNA for cyclin /cds=(147,1034) /gb=X5
 39087_at Cluster Incl. U28249:Human 11kd protein mRNA, complete cds /cds=(259,59
 2017_s_at M64349 /FEATURE= /DEFINITION=HUMCYCD1 Human cyclin D (cyclin D1)
 mRNA,
 2020_at M73554 /FEATURE= /DEFINITION=HUMBCL1 Human bcl-1 mRNA, complete CDS
- 30** METAGENE 295 :
- 542_at S74445 /FEATURE= /DEFINITION=S74445 cellular retinoic acid-binding protei
 543_g_at S74445 /FEATURE= /DEFINITION=S74445 cellular retinoic acid-binding prot
- 35** METAGENE 296 :
- 34591_at Cluster Incl. S79854:type 3 iodothyronine deiodinase=selenoenzyme [huma
 34602_at Cluster Incl. D63160:Homo sapiens DNA for lectin P35 /cds=(10,951) /gb=

- 34050_at Cluster Incl. AC003034:Homo sapiens Chromosome 16 BAC clone CIT987SK-A-
 36330_at Cluster Incl. Y17448:Homo sapiens CCBL1 gene, last two exons /cds=(0,14
 37785_at Cluster Incl. U69563:U69563 Homo sapiens cDNA /clone=25050 /gb=U69563 /
 39655_at Cluster Incl. M26901:Human renin gene /cds=(90,1301) /gb=M26901 /gi=488
5 40733_f_at Cluster Incl. D89377:Homo sapiens mRNA for MSX-2, complete cds /cds=(
 41399_at Cluster Incl. AB029034:Homo sapiens mRNA for KIAA1111 protein, partial
 32122_at Cluster Incl. L31573:Human sulfite oxidase mRNA, complete cds /cds=(903
 1290_g_at L02321 /FEATURE= /DEFINITION=HUMGSTM5 Human glutathione S-
 transferase
10 820_at U77604 /FEATURE= /DEFINITION=HSU77604 Homo sapiens microsomal glutathione

METAGENE 297 :

- 33689_s_at Cluster Incl. AF012434:untitled /cds=(38,394) /gb=AF012434 /gi=235291
15 40042_r_at Cluster Incl. U82381:Human proline dehydrogenase/proline oxidase (PRO
 40745_at Cluster Incl. L13939:Homo sapiens beta adaptin (BAM22) mRNA, complete c
 41107_at Cluster Incl. AB002372:Human mRNA for KIAA0374 gene, complete cds /cds=
 41380_at Cluster Incl. AF053003:Homo sapiens diphthamide biosynthesis protein-2
 41606_at Cluster Incl. AJ005940:Homo sapiens mRNA for GTP-binding protein /cds=(
20 41869_at Cluster Incl. U78310:Homo sapiens pescadillo mRNA, complete cds /cds=(5
 31874_at Cluster Incl. Y07846:H.sapiens mRNA for GAR22 protein /cds=(132,1145) /
 34679_at Cluster Incl. X02596:Human mRNA for bcr (breakpoint cluster region) gen
 36027_at Cluster Incl. AA418779:zv98d05.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 36058_at Cluster Incl. AL096741:Homo sapiens mRNA; cDNA DKFZp586O0223 (from
25 clon
 36475_at Cluster Incl. Z97630:Human DNA sequence from clone 466N1 on chromosome
 38617_at Cluster Incl. D45906:Homo sapiens mRNA for LIMK-2, complete cds /cds=(1
 38713_at Cluster Incl. Z99716:bK250D10.1 (sterol regulatory element binding tran
 41758_at Cluster Incl. AL096879:Novel human mRNA similar to C. elegans gene WP-C
30 32151_at Cluster Incl. X82260:H.sapiens mRNA for RanGTPase activating protein 1
 32745_at Cluster Incl. AF034091:Homo sapiens nuclear localization signal contain
 32852_at Cluster Incl. U78678:Human thioredoxin mRNA, nuclear gene encoding mito
 33366_at Cluster Incl. AL022238:dJ1042K10.2.1 (novel protein with probable rabGA
 39134_at Cluster Incl. AJ006973:Homo sapiens mRNA for TOM1 protein /cds=(61,1539
35 895_at L19686 /FEATURE=mRNA /DEFINITION=HUMMIF Homo sapiens macrophage
 migration
 864_at U07664 /FEATURE=expanded_cds /DEFINITION=HSHB9HB2 Human HB9 homeobox
 gene
 374_f_atZ84718 /FEATURE=cds#5 /DEFINITION=HS322B1 Human DNA sequence from clone

METAGENE 298 :

- 5 32993_s_at Cluster Incl. U70824:Human BLu protein (BLu) mRNA, complete cds /cds=
 32965_f_at Cluster Incl. W28645:52e8 Homo sapiens cDNA /gb=W28645 /gi=1308800 /u
 40060_r_at Cluster Incl. AF061258:Homo sapiens LIM protein mRNA, complete cds /c
 34893_at Cluster Incl. AI557064:PT2.1_13_A12.r Homo sapiens cDNA, 3 end /clone_

METAGENE 299 :

10

- 31822_at Cluster Incl. L12579:Human alternatively spliced CUTL1 mRNA, complete c
 39058_at Cluster Incl. U01147:Human guanine nucleotide regulatory protein (ABR)
 36606_at Cluster Incl. X51405:Human mRNA for carboxypeptidase E (EC 3.4.17.10) /
 37003_at Cluster Incl. X62654:H.sapiens gene for Me491/CD63 antigen /cds=(69,785

15

METAGENE 300 :

- 39624_at Cluster Incl. D89078:Homo sapiens mRNA for leukotriene b4 receptor, com
 40365_at Cluster Incl. M63904:Human G-alpha 16 protein mRNA, complete cds /cds=(
 20 32670_at Cluster Incl. L38969:Homo sapiens thrombospondin 3 (THBS3) gene, comple
 33750_at Cluster Incl. X97198:H.sapiens mRNA for receptor phosphate PCP-2 /cds=(
 34218_at Cluster Incl. U57099:Human APEG-1 mRNA, complete cds /cds=(125,466) /gb
 35668_at Cluster Incl. AJ001014:Homo sapiens mRNA encoding RAMP1 /cds=(32,478) /
 39022_at Cluster Incl. AL050110:Homo sapiens mRNA; cDNA DKFZp586J0619 (from clon
 25 40147_at Cluster Incl. U18009:Human chromosome 17q21 mRNA clone LF113 /cds=(0,93
 32158_at Cluster Incl. U53174:Human cell cycle checkpoint control protein mRNA,
 34412_s_at Cluster Incl. U59632:Homo sapiens H5 mRNA, partial cds; and platelet
 1497_at L04270 /FEATURE= /DEFINITION=HUMTNFRRP Homo sapiens (clone CD18) tumor n

30 METAGENE 301 :

- 31680_at Cluster Incl. M55630:Human topoisomerase I pseudogene 2 /cds=UNKNOWN /g
 33484_at Cluster Incl. Y10571:H.sapiens mRNA for dinG gene /cds=(12,1022) /gb=Y1
 37106_at Cluster Incl. D89928:Homo sapiens HKL1 mRNA, complete cds /cds=(152,196
 35 33264_at Cluster Incl. X89602:H.sapiens mRNA for rTS beta protein /cds=(17,1267)
 33797_at Cluster Incl. X98494:H.sapiens mRNA for M phase phosphoprotein 10 /cds=
 34199_at Cluster Incl. AJ131244:Homo sapiens mRNA for Sec24 protein (Sec24A isof
 34215_at Cluster Incl. L03426:Human XE7 mRNA, complete alternate coding regions
 35240_at Cluster Incl. W28983:54f11 Homo sapiens cDNA /gb=W28983 /gi=1308931 /ug

- 35662_at Cluster Incl. U20536:Human cysteine protease Mch2 isoform alpha (Mch2)
 36080_at Cluster Incl. AB002332:Human mRNA for KIAA0334 gene, complete cds /cds=
 36514_at Cluster Incl. U66469:Human cell growth regulator CGR19 mRNA, complete c
 36928_at Cluster Incl. X70394:H.sapiens OZF mRNA /cds=(856,1734) /gb=X70394 /gi=
5 38365_at Cluster Incl. AF026086:Homo sapiens peroxisome biogenesis disorder prot
 39415_at Cluster Incl. X72727:H.sapiens tunc mRNA for transformation upregulated
 39436_at Cluster Incl. AF079221:Homo sapiens BCL2/adenovirus E1B 19kDa-interacti
 40780_at Cluster Incl. AF016507:Homo sapiens C-terminal binding protein 2 mRNA,
 41185_f_at Cluster Incl. AI971724:wr07a04.x1 Homo sapiens cDNA, 3 end /clone=IM
10 41741_at Cluster Incl. U28686:Human putative RNA binding protein RNPL mRNA, comp
 33836_at Cluster Incl. AC002045:Human Chromosome 16 BAC clone CIT987SK-A-589H1
 /
 33893_r_at Cluster Incl. AB007939:Homo sapiens mRNA for KIAA0470 protein, comple
 33907_at Cluster Incl. AF012072:Homo sapiens eIF4GII mRNA, complete cds /cds=(25
15 34337_s_at Cluster Incl. AJ010014:Homo sapiens mRNA for M96A protein /cds=(243,2
 34817_s_at Cluster Incl. U70671:Human ataxin-2 related protein mRNA, partial cds
 35306_at Cluster Incl. AB001636:Homo sapiens mRNA for ATP-dependent RNA helicase
 36957_at Cluster Incl. W22296:65A11 Homo sapiens cDNA /clone=(not-directional) /
 37650_at Cluster Incl. U41315:Human ring zinc-finger protein (ZNF127-Xp) gene an
20 40218_at Cluster Incl. U60808:Human CDP-diacylglycerol synthase (CDS) mRNA, comp
 41597_s_at Cluster Incl. AF047442:Homo sapiens vesicle trafficking protein sec22
 41821_at Cluster Incl. AA203246:zx54h03.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 1030_s_at U07806 /FEATURE= /DEFINITION=HSU07806 Human camptothecin resistant
 clo
25 1017_at U73737 /FEATURE=mRNA /DEFINITION=HUMMSH06 Human hMSH6 gene, exons 6-
 10 a

METAGENE 302 :

- 30** 33583_r_at Cluster Incl. AA523313:ni41h09.s1 Homo sapiens cDNA, 3 end /clone=IM
 36368_at Cluster Incl. AF054998:Homo sapiens clone 24479 mRNA sequence /cds=UNKN
 34415_at Cluster Incl. Z22536:Homo sapiens ALK-4 mRNA, complete CDS /cds=(0,1517
 40674_s_at Cluster Incl. S82986:HOXC6=homeodomain-containing protein {clone 211}
 41074_at Cluster Incl. AF062006:Homo sapiens orphan G protein-coupled receptor H
35 32681_at Cluster Incl. S68616:Na⁺/H⁺ exchanger NHE-1 isoform [human, heart, mRNA
 34182_at Cluster Incl. U18932:Human heparan sulfate-N-deacetylase/N-sulfotransfe
 34273_at Cluster Incl. AI267373:aq64c09.x1 Homo sapiens cDNA /clone=IMAGE-203569
 33398_at Cluster Incl. AB014570:Homo sapiens mRNA for KIAA0670 protein, partial
 35745_f_at Cluster Incl. X78136:H.sapiens hnRNP-E2 mRNA /cds=(22,1119) /gb=X7813

39128_r_at Cluster Incl. X73478:H.sapiens hPTPA mRNA /cds=(189,1160) /gb=X73478

METAGENE 303 :

- 5** 37131_at Cluster Incl. AB008390:Homo sapiens mRNA for neuropsin type1, complete
 38143_at Cluster Incl. L33404:Human stratum corneum chymotryptic enzyme mRNA, co
 33410_at Cluster Incl. S66213:integrin alpha 6B [human, mRNA Partial, 528 nt] /c

METAGENE 304 :

10

- 33746_at Cluster Incl. D88208:Homo sapiens hSGT1 mRNA for hSgt1p, complete cds /
 38697_at Cluster Incl. AL050274:Homo sapiens mRNA; cDNA DKFZp566C243 (from
 clone
 39004_at Cluster Incl. AI432190:tg77f11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
15 39357_at Cluster Incl. U72514:Human C2f mRNA, complete cds /cds=(0,720) /gb=U725
 32842_at Cluster Incl. X89984:H.sapiens mRNA for BCL7A protein /cds=(953,1648) /
 35305_at Cluster Incl. X95762:H.sapiens mRNA for aminopeptidase P-like /cds=(0,1
 35349_at Cluster Incl. AF031647:Homo sapiens JAB1-containing signalosome subunit
 36954_at Cluster Incl. D86972:Human mRNA for KIAA0218 gene, complete cds /cds=(3
20 41790_at Cluster Incl. AL031230:dJ73M23.2 (NAD⁺-dependent succinic semialdehyde

METAGENE 305 :

- 31636_s_at Cluster Incl. U09210:Human vesicular acetylcholine transporter mRNA,
25 37088_at Cluster Incl. AF059681:Homo sapiens serine/threonine kinase 13 (STK13)
 33727_r_at Cluster Incl. AB029011:Homo sapiens mRNA for KIAA1088 protein, partia
 39705_at Cluster Incl. AB014600:Homo sapiens mRNA for KIAA0700 protein, partial
 32189_g_at Cluster Incl. M96980:Homo sapiens myelin transcription factor 1 (MTF1
 41293_at Cluster Incl. AI123710:oo16h01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30 41497_at Cluster Incl. AI401296:tg92c03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 2046_at M21536 /FEATURE= /DEFINITION=HUMERG12 Human erg protein (ets-related gen

METAGENE 306 :

- 35** 33770_at Cluster Incl. AF009225:Homo sapiens Ikb kinase alpha subunit (IKK alpha
 38262_at Cluster Incl. AF052107:Homo sapiens clone 23620 mRNA sequence /cds=UNKN
 39388_at Cluster Incl. AA902713:ok71f11.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 650_s_at L07044 /FEATURE= /DEFINITION=HUMCCDPKB Homo sapiens
 calcium/calmodulin-

METAGENE 307 :

	31410_at	Cluster Incl. AF023614:Homo sapiens transmembrane activator and CAML in
5	31559_at	Cluster Incl. U26209:Human renal sodium/dicarboxylate cotransporter (NA
	31594_at	Cluster Incl. Y16788:Homo sapiens hHa3-I gene, complete CDS /cds=(0,121
	31947_r_at	Cluster Incl. X74143:H.sapiens HBF-2 mRNA for transcription factor /c
	32000_g_at	Cluster Incl. AI344681:qp09h03.x1 Homo sapiens cDNA, 3 end /clone=IM
	33016_at	Cluster Incl. AI052224:oz21a02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
10	34066_at	Cluster Incl. AJ012590:Homo sapiens mRNA for glucose 1-dehydrogenase /c
	34093_at	Cluster Incl. AI829701:wf09d11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	34161_at	Cluster Incl. U39573:Human salivary peroxidase mRNA, complete cds /cds=
	34166_at	Cluster Incl. S80071:hPROT=brain-specific L-proline transporter [human,
	34558_at	Cluster Incl. U30185:Human orphan opioid receptor mRNA, complete cds /c
15	34568_at	Cluster Incl. X82634:Homo sapiens mRNA for hair keratin acidic 3-II /cd
	34573_at	Cluster Incl. U14187:Human receptor tyrosine kinase ligand LERK-3 (EPLG
	35124_at	Cluster Incl. M62982:Human arachidonate 12-lipoxygenase mRNA, complete
	35503_at	Cluster Incl. M81590:Homo sapiens serotonin 1D receptor (5-HT1D~) mRNA,
	35505_at	Cluster Incl. AI290660:qm12b10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
20	35590_s_at	Cluster Incl. X81832:H.sapiens mRNA for glucose-dependant insulinotro
	36338_at	Cluster Incl. W28504:48e7 Homo sapiens cDNA /gb=W28504 /gi=1308515 /ug=
	32269_at	Cluster Incl. W26805:13a12 Homo sapiens cDNA /gb=W26805 /gi=1305889 /ug
	32897_at	Cluster Incl. AJ237672:Homo sapiens mRNA for methylenetetrahydrofolate
	33967_at	Cluster Incl. M31525:Human MHC class II lymphocyte antigen (HLA-DNA) ge
25	35378_at	Cluster Incl. AI051683:oy77h08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	36307_at	Cluster Incl. D87468:Human mRNA for KIAA0278 gene, partial cds /cds=(0,
	36737_at	Cluster Incl. U59057:Human beta-A4 crystallin (CRYBA4) mRNA, complete c
	38229_at	Cluster Incl. X90579:H.sapiens DNA for cyp related pseudogene /cds=UNKN
	38530_at	Cluster Incl. W26021:18c10 Homo sapiens cDNA /gb=W26021 /gi=1306306 /ug
30	38901_at	Cluster Incl. AB020698:Homo sapiens mRNA for KIAA0891 protein, partial
	39225_at	Cluster Incl. Y09443:H.sapiens mRNA for alkyl-dihydroxyacetonephosphate
	39290_f_at	Cluster Incl. W28257:44c1 Homo sapiens cDNA /gb=W28257 /gi=1308205 /u
	40295_at	Cluster Incl. AB009288:Homo sapiens mRNA for N-copine, complete cds /cd
	41445_at	Cluster Incl. X02812:Human mRNA for transforming growth factor-beta (TG
35	31861_at	Cluster Incl. L14754:Human DNA-binding protein (SMBP2) mRNA, complete c
	32699_s_at	Cluster Incl. X64116:H.sapiens PVR gene for poliovirus receptor (exon
	35150_at	Cluster Incl. X60592:Human CDw40 mRNA for nerve growth factor receptor-
	35996_at	Cluster Incl. X98261:H.sapiens mRNA for M-phase phosphoprotein, mpp5 /c
	37195_at	Cluster Incl. M14565:Human cholesterol side-chain cleavage enzyme P450s

	37939_at	Cluster Incl. AL022318:bK150C2.3 (PUTATIVE novel protein similar to APO
	38707_r_at	Cluster Incl. S75174:E2F-4=transcription factor [human, Nalm6 and HeL
	39011_at	Cluster Incl. X99906:Homo sapiens mRNA for alpha endosulfine /cds=(125,
	39689_at	Cluster Incl. AI362017:qy39a10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
5	41125_r_at	Cluster Incl. D45421:Human mRNA for phosphodiesterase I alpha, comple
	33416_at	Cluster Incl. AI332820:qp96e06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	34803_at	Cluster Incl. AF022789:Homo sapiens ubiquitin hydrolyzing enzyme I (UBH
	35782_at	Cluster Incl. AB014557:Homo sapiens mRNA for KIAA0657 protein, partial
	38088_r_at	Cluster Incl. M80563:Human CAPL protein mRNA, complete cds /cds=(135,
10	38447_at	Cluster Incl. U08438:Human beta-adrenergic receptor kinase (ADRBK1) gen
	39473_r_at	Cluster Incl. W29065:56g2 Homo sapiens cDNA /gb=W29065 /gi=1309094 /u
	39868_at	Cluster Incl. AL046394:DKFZp434M217_r1 Homo sapiens cDNA, 5 end /clone
	39917_at	Cluster Incl. AI961040:wq58f01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40241_at	Cluster Incl. U09850:Human zinc finger protein (ZNF143) mRNA, complete
15	40622_r_at	Cluster Incl. AL096740:Homo sapiens mRNA; cDNA DKFZp586K2123 (from cl
	40886_at	Cluster Incl. L41498:Homo sapiens longation factor 1-alpha 1 (PTI-1) mR
	40975_s_at	Cluster Incl. AL050258:Novel human mRNA similar to mouse tuftelin-int
	41301_at	Cluster Incl. W28608:49b1 Homo sapiens cDNA /gb=W28608 /gi=1308556 /ug=
	41324_g_at	Cluster Incl. U90917:Human clone 23641 mRNA sequence /cds=UNKNOWN /gb
20	41340_at	Cluster Incl. AA827795:od08a05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	41500_at	Cluster Incl. AI761818:wi62g02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41525_at	Cluster Incl. N25429:yx76b02.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	32557_at	Cluster Incl. AI762438:wg57a07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	33110_at	Cluster Incl. AI356682:qy22a10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
25	33151_s_at	Cluster Incl. W25932:15b1 Homo sapiens cDNA /gb=W25932 /gi=1306055 /u
	33211_at	Cluster Incl. AW051889:wz04f05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	2005_s_at	U31317 /FEATURE= /DEFINITION=HSU31317 Human JAK family tyrosine protei
	2013_at	U35117 /FEATURE= /DEFINITION=HSU35117 Human transcription factor Dp-2 mR
30	1925_at	Z36714 /FEATURE=mRNA /DEFINITION=HSCYCLF H.sapiens mRNA for cyclin F
	1894_f_at	Neurofibromatosis 2 Tumor Suppressor
	1827_s_at	M13929 /FEATURE=mRNA /DEFINITION=HUMMYCPOA Human c-myc-P64 mRNA, initi
	1792_g_at	M68520 /FEATURE= /DEFINITION=HUMCDC2A Human cdc2-related protein
35	kinas	
	1627_at	Tyrosine Kinase
	1483_at	L34059 /FEATURE= /DEFINITION=HUMCA4A Homo sapiens cadherin-4 mRNA, compl
	1469_at	U12779 /FEATURE= /DEFINITION=HSU12779 Human MAP kinase activated protein
	1415_at	D26561 /FEATURE=cds#3 /DEFINITION=D26561 Homo sapiens cellular DNA conta

- 1254_at L36861 /FEATURE=expanded_cds /DEFINITION=HUMGCAPB Homo sapiens guanylate
 1167_s_at D86331 /FEATURE= /DEFINITION=D86331 Human MT2-MMP gene for matrix
 meta
 1008_f_at U50648 /FEATURE=mRNA /DEFINITION=HSIIPKR17 Human interferon-
5 inducible
 882_at M37435 /FEATURE= /DEFINITION=HUMCSDF1 Human macrophage-specific colony-st
 734_at Mucin 4, Tracheobronchial
 534_s_at U20391 /FEATURE=mRNA#1 /DEFINITION=HSU20391 Human folate receptor
 (FOLR
10 385_at X71874 /FEATURE=cds#2 /DEFINITION=HSPROSCHY H.sapiens genes for proteasom
 396_f_atX97671 /FEATURE=cds /DEFINITION=HSERYTHR H.sapiens mRNA for erythropeie
 METAGENE 308 :
15 35112_at Cluster Incl. AF071476:Homo sapiens regulator of G-protein signaling 9L
 35627_at Cluster Incl. U40571:Human alpha1-syntrophin (SNT A1) mRNA, complete cd
 1788_s_at U48807 /FEATURE= /DEFINITION=HSU48807 Human MAP kinase
 phosphatase (MK
20 METAGENE 309 :
 32091_at Cluster Incl. AB007915:Homo sapiens mRNA for KIAA0446 protein, complete
 32144_at Cluster Incl. AL050135:Homo sapiens mRNA; cDNA DKFZp586K091 (from
 clone
25 33234_at Cluster Incl. AA887480:oj54a12.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 34189_at Cluster Incl. D31891:Human mRNA for KIAA0067 gene, complete cds /cds=(8
 34264_at Cluster Incl. AB026894:Homo sapiens mRNA for NESCA, complete cds /cds=(
 34746_at Cluster Incl. W28085:41g9 Homo sapiens cDNA /gb=W28085 /gi=1308033 /ug=
 35159_at Cluster Incl. U61232:Human tubulin-folding cofactor E mRNA, complete cd
30 35244_at Cluster Incl. AB007929:Homo sapiens mRNA for KIAA0460 protein, partial
 35677_at Cluster Incl. AL035369:H.sapiens novel gene from PAC 117P20, chromosome
 36561_at Cluster Incl. X73424:Homo sapiens gene for propionyl-CoA carboxylase a
 39053_at Cluster Incl. AF016370:Homo sapiens U4/U6 small nuclear ribonucleoprote
 39392_at Cluster Incl. AJ002190:Homo sapiens cDNA for dihydroxyacetone phosphate
35 39445_at Cluster Incl. AF038661:Homo sapiens chromosome 1q21-1q23 beta-1,4-galac
 39735_at Cluster Incl. AF069987:Homo sapiens nitrilase 1 (NIT1) mRNA, complete c
 39800_s_at Cluster Incl. U68566:Human HS1 binding protein HAX-1 mRNA, nuclear ge
 40099_at Cluster Incl. AB014551:Homo sapiens mRNA for KIAA0651 protein, complete
 40425_at Cluster Incl. M57730:Human B61 mRNA, complete cds /cds=(73,690) /gb=M57

- 40774_at Cluster Incl. X74801:H.sapiens Cctg mRNA for chaperonin /cds=(0,1634) /
- 32262_at Cluster Incl. AL049669:Human gene from PAC 612B18, chromosome 1 /cds=(2
- 33873_at Cluster Incl. D43642:Human YL-1 mRNA for YL-1 protein (nuclear protein
- 33885_at Cluster Incl. AB020714:Homo sapiens mRNA for KIAA0907 protein, complete
- 5** 33909_at Cluster Incl. L35013:Human spliceosomal protein (SAP 49) gene, complete
- 35779_at Cluster Incl. AJ133421:Homo sapiens mRNA for leucocyte vacuolar protein
- 38779_r_at Cluster Incl. D16431:Human mRNA for hepatoma-derived growth factor, c
- 39126_at Cluster Incl. AL080101:Homo sapiens mRNA; cDNA DKFZp564L0472 (from
clon
- 10** 39149_at Cluster Incl. X99720:H.sapiens TPRC gene /cds=(212,1687) /gb=X99720 /gi
- 40946_at Cluster Incl. AI023044:ow65c01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41329_at Cluster Incl. AI458463:tj99b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 32546_at Cluster Incl. U59309:Human fumarase precursor (FH) mRNA, nuclear gene e
- 15** METAGENE 310 :
- 31996_at Cluster Incl. AI798834:we93c04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 35109_at Cluster Incl. AB018299:Homo sapiens mRNA for KIAA0756 protein, partial
- 35545_at Cluster Incl. AB018282:Homo sapiens mRNA for KIAA0739 protein, partial
- 20** 33520_at Cluster Incl. M13232:Human factor VII serine protease precursor mRNA, c
- 36261_at Cluster Incl. AC003003:Human Chromosome 16 BAC clone CIT987SK-254P9 /cd
- 39648_at Cluster Incl. AB015594:Homo sapiens mRNA for Pex1 lp, complete cds /cds=
- 39934_at Cluster Incl. AB023061:Homo sapiens mRNA for small GTP-binding protein
- 39991_at Cluster Incl. L20815:Human S protein mRNA, complete cds /cds=(62,1522)
- 25** 39995_s_at Cluster Incl. U13395:Human oxidoreductase (HHCMA56) mRNA, complete cd
- 34198_at Cluster Incl. U12128:Human protein tyrosine phosphatase 1E (PTP1E) mRNA
- 37930_at Cluster Incl. U11700:Human copper transporting ATPase mRNA, complete cd
- METAGENE 311 :
- 30**
- 35454_at Cluster Incl. AB007919:Homo sapiens mRNA for KIAA0450 protein, complete
- 32728_at Cluster Incl. X81438:H.sapiens mRNA for amphiphysin /cds=(74,2161) /gb=
- 32565_at Cluster Incl. U66619:Human SWI/SNF complex 60 KDa subunit (BAF60c) mRNA
- 456_at U66619 /FEATURE= /DEFINITION=HSU66619 Human SWI/SNF complex 60 KDa
- 35** subuni
- METAGENE 312 :
- 33468_at Cluster Incl. Z26317:H.sapiens mRNA for desmoglein 2 /cds=(11,3364) /gb

- 41062_at Cluster Incl. AA037278:zc52c04.r1 Homo sapiens cDNA, 5' end /clone=IMAG
- 34709_r_at Cluster Incl. Z75331:H.sapiens mRNA for nuclear protein SA-2 /cds=(64
- 38656_s_at Cluster Incl. W27939:39g3 Homo sapiens cDNA /gb=W27939 /gi=1307887 /u
- 39724_s_at Cluster Incl. U58087:Human Hs-cul-1 mRNA, complete cds /cds=(124,2382
- 5** 41234_at Cluster Incl. AI540318:tq34f03.x1 Homo sapiens cDNA, 3' end /clone=IMAG
- 32830_g_at Cluster Incl. X97544:H.sapiens mRNA for TIM17 preprotein translocase
- 34341_at Cluster Incl. U00238:Homo sapiens glutamine PRPP amidotransferase (GPAT
- 36111_s_at Cluster Incl. X75755:H.sapiens PR264 gene /cds=(98,763) /gb=X75755 /g
- 36189_at Cluster Incl. U10323:Human nuclear factor NF45 mRNA, complete cds /cds=
- 10** 37674_at Cluster Incl. Y00451:Human mRNA for 5-aminolevulinate synthase /cds=(83
- 37757_at Cluster Incl. L23959:Homo sapiens E2F-related transcription factor (DP-
- 38031_at Cluster Incl. D21853:Human mRNA for KIAA0111 gene, complete cds /cds=(2
- 40587_s_at Cluster Incl. AF054186:Homo sapiens p18 protein mRNA, complete cds /c
- 40964_at Cluster Incl. Z46376:H.sapiens HK2 mRNA for hexokinase II /cds=(1490,42
- 15** 41275_at Cluster Incl. U31556:Human transcription factor E2F-5 mRNA, complete cd
- 41530_at Cluster Incl. D16294:Human mRNA for mitochondrial 3-oxoacyl-CoA thiolas
- 2012_s_at U34994 /FEATURE= /DEFINITION=HSU34994 Homo sapiens DNA dependent
- prote
- 1928_s_at U78733 /FEATURE=mRNA#1 /DEFINITION=HSSMAD2S8 Homo sapiens mad
- 20** protein
- 1565_s_at M96995 /FEATURE= /DEFINITION=HUMEGFGRBA Homo sapiens epidermal
- growth
- 1505_at D00596 /FEATURE=cds /DEFINITION=HUMTS1 Homo sapiens gene for thymidylate
- 1031_at U09564 /FEATURE= /DEFINITION=HSU09564 Human serine kinase mRNA, complete
- 25** 1011_s_at U54778 /FEATURE= /DEFINITION=HSU54778 Human 14-3-3 epsilon mRNA,
- compl
- 968_i_at X98296 /FEATURE=cds /DEFINITION=HSUBIQHYD H.sapiens mRNA for ubiquitin
- 673_at J04031 /FEATURE= /DEFINITION=HUMMDMCSF Human methylenetetrahydrofolate de
- 633_s_at L40386 /FEATURE=mRNA /DEFINITION=HUMDP2M Human DP-2 mRNA,
- 30** complete cds
- 452_at U66615 /FEATURE= /DEFINITION=HSU66615 Human SWI/SNF complex 155 KDa
- subun
- 276_at L08069 /FEATURE= /DEFINITION=HUMDNAJHOM Human heat shock protein, E. coli
- 35** METAGENE 313 :
- 36809_at Cluster Incl. L01664:Human eosinophil Charcot-Leyden crystal (CLC) prot
- 37884_f_at Cluster Incl. AI375033:ta66e10.x1 Homo sapiens cDNA, 3' end /clone=IM
- 40419_at Cluster Incl. X85116:H.sapiens epb72 gene exon 1 /cds=(61,927) /gb=X851

37754_at Cluster Incl. L13210:Human Mac-2 binding protein mRNA, complete cds /cd

METAGENE 314 :

- 5** 31697_s_at Cluster Incl. J04755:Human ferritin H processed pseudogene, complete
 34544_at Cluster Incl. X78925:H.sapiens HZF2 mRNA for zinc finger protein /cds=(
 38220_at Cluster Incl. U20938:Human lymphocyte dihydropyrimidine dehydrogenase m
 41474_at Cluster Incl. Y08319:H.sapiens mRNA for kinesin-2 /cds=(18,2057) /gb=Y0
 41635_at Cluster Incl. D14661:Human mRNA for KIAA0105 gene, complete cds /cds=(1
- 10** 41855_at Cluster Incl. AF030424:Homo sapiens histone acetyltransferase 1 mRNA, c
 31850_at Cluster Incl. M90656:Human gamma-glutamylcysteine synthetase (GCS) mRNA
 31853_at Cluster Incl. AF080227:Homo sapiens embryonic ectoderm development prot
 32060_at Cluster Incl. U15173:Homo sapiens BCL2/adenovirus E1B 19kD-interacting
 32067_at Cluster Incl. S68271:CREM=cyclic AMP-responsive element modulator [huma
- 15** 32621_at Cluster Incl. M97388:Human TATA binding protein-associated phosphoprote
 33253_at Cluster Incl. D50919:Human mRNA for KIAA0129 gene, complete cds /cds=(1
 33305_at Cluster Incl. M93056:Human monocyte/neutrophil elastase inhibitor mRNA
 34749_at Cluster Incl. U83461:Human putative copper uptake protein (hCTR2) mRNA,
 37910_at Cluster Incl. U52112:host cell factor 1 /cds=(344,6451) /gb=U52112 /gi=
- 20** 38999_s_at Cluster Incl. M86707:Homo sapiens myristoyl CoA-protein N-myristoyltr
 40852_at Cluster Incl. AB025254:Homo sapiens mRNA for tudor repeat associator wi
 32232_at Cluster Incl. AF047181:Homo sapiens NADH-ubiquinone oxidoreductase subu
 34857_at Cluster Incl. Z24724:H.sapiens polyA site DNA /cds=UNKNOWN /gb=Z24724 /
 35777_at Cluster Incl. AB000468:Homo sapiens mRNA for zinc finger protein, compl
- 25** 36672_at Cluster Incl. L13977:Human prolylcarboxypeptidase mRNA, complete cds /c
 36971_at Cluster Incl. D87446:Human mRNA for KIAA0257 gene, partial cds /cds=(0,
 37025_at Cluster Incl. AL120815:DKFZp762F172_r1 Homo sapiens cDNA, 5 end /clon
 37742_at Cluster Incl. M34423:Human beta-galactosidase (GLB1) mRNA, complete cds
 38481_at Cluster Incl. M63488:Human replication protein A 70kDa subunit mRNA com
- 30** 38745_at Cluster Incl. X76488:H.sapiens mRNA for lysosomal acid lipase /cds=(145
 40258_at Cluster Incl. M55265:Human casein kinase II alpha subunit mRNA, complet
 40931_at Cluster Incl. AL080084:Homo sapiens mRNA; cDNA DKFZp564G2362 (from
 clon
- 35** 41295_at Cluster Incl. AL041780:DKFZp434A0418_s1 Homo sapiens cDNA, 3 end /clon
 1868_g_at AF005775 /FEATURE= /DEFINITION=AF005775 Homo sapiens caspase-like
 apop
 1715_at U37518 /FEATURE= /DEFINITION=HSU37518 Human TNF-related apoptosis induci
 1557_at U24152 /FEATURE= /DEFINITION=HSU24152 Human p21-activated protein kinase

	1558_g_at	U24152 /FEATURE= /DEFINITION=HSU24152 Human p21-activated protein kina
	1378_g_at	M58603 /FEATURE= /DEFINITION=HUMNFKB Human nuclear factor kappa-B DNA
5	831_at	U28042 /FEATURE= /DEFINITION=HSU28042 Human DEAD box RNA helicase-like pr
METAGENE 315 :		
	31477_at	Cluster Incl. L08044:Human intestinal trefoil factor mRNA, complete cds
10	36374_at	Cluster Incl. U79293:Human clone 23948 mRNA sequence /cds=UNKNOWN /gb=U
	38960_at	Cluster Incl. U45975:Human phosphatidylinositol (4,5)bispophosphate 5-pho
	39669_at	Cluster Incl. AJ009985:Homo sapiens mRNA for annexin 31 /cds=(436,1452)
	41660_at	Cluster Incl. AL031588:dJ1163J1.1 (ortholog of mouse transmembrane rece
15	31805_at	Cluster Incl. M64347:Human novel growth factor receptor mRNA, 3 cds /cd
	32108_at	Cluster Incl. M76231:Human sepiapterin reductase mRNA, complete cds /cd
	35164_at	Cluster Incl. AF084481:Homo sapiens transmembrane protein (WFS1) mRNA,
	35676_at	Cluster Incl. AF006386:Homo sapiens axonemal dynein light chain (hp28)
	36454_at	Cluster Incl. AF037335:Homo sapiens carbonic anhydrase precursor (CA 12
20	36495_at	Cluster Incl. U21931:Human fructose-1,6-biphosphatase (FBP1) gene /cds=
	39755_at	Cluster Incl. Z93930:Human DNA sequence from clone 292E10 on chromosome
	39756_g_at	Cluster Incl. Z93930:Human DNA sequence from clone 292E10 on chromoso
	40148_at	Cluster Incl. U62325:Human FE65-like protein (hFE65L) mRNA, partial cds
	40422_at	Cluster Incl. X16302:Human mRNA for insulin-like growth factor binding
25	40511_at	Cluster Incl. X58072:Human hGATA3 mRNA for trans-acting T-cell specific
	32251_at	Cluster Incl. AA149307:zl25h05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	34775_at	Cluster Incl. AF065388:Homo sapiens tetraspan NET-1 mRNA, complete cds
	34788_at	Cluster Incl. AL049365:Homo sapiens mRNA; cDNA DKFZp586A0618 (from clon
30	34859_at	Cluster Incl. Z98046:dJ14O9.2 (Melanoma-Associated Antigen MAGE LIKE) /
	34860_g_at	Cluster Incl. Z98046:dJ14O9.2 (Melanoma-Associated Antigen MAGE LIKE)
	35275_at	Cluster Incl. AL050025:Homo sapiens mRNA; cDNA DKFZp564D066 (from clone
	35766_at	Cluster Incl. M26326:Human keratin 18 mRNA, complete cds /cds=(51,1343)
35	35770_at	Cluster Incl. D16469:Human mRNA for ORF, Xq terminal portion /cds=(1353
	37008_r_at	Cluster Incl. M68516:Human protein C inhibitor gene, complete cds /cd
	40902_at	Cluster Incl. AL050082:Homo sapiens mRNA; cDNA DKFZp566J2446 (from clon
	1822_at	Oncogene Ret/Ptc2, Fusion Activated
	1823_g_at	Oncogene Ret/Ptc2, Fusion Activated

1745_at Oncogene Ret/Ptc, Fusion Activated

1741_s_at S37730 /FEATURE=cds /DEFINITION=S37712S4 insulin-like growth factor bi

520_at U07358 /FEATURE= /DEFINITION=HSU07358 Human protein kinase (zpk) mRNA, co

5 METAGENE 316 :

36289_f_at Cluster Incl. U27333:Human alpha (1,3) fucosyltransferase (FUT6) mRNA

33332_at Cluster Incl. Z93241:dJ222E13.1a.1 (C-terminal part of novel protein dJ

34674_at Cluster Incl. X58079:Human mRNA for S100 alpha protein /cds=(113,397) /

10

METAGENE 317 :

36812_at Cluster Incl. U92715:Homo sapiens breast cancer antiestrogen resistance

37986_at Cluster Incl. M60459:Human erythropoietin receptor mRNA, complete cds /

15 40064_at Cluster Incl. AB011121:Homo sapiens mRNA for KIAA0549 protein, partial

32798_at Cluster Incl. AF043105:Homo sapiens glutathione S-transferase mu 3 (GST

1120_at J05459 /FEATURE=mRNA /DEFINITION=HUMGSTM3A Human glutathione transferase

1121_g_at J05459 /FEATURE=mRNA /DEFINITION=HUMGSTM3A Human glutathione transfera

20

METAGENE 318 :

40798_s_at Cluster Incl. Z48579:H.sapiens mRNA for disintegrin-metalloprotease (

33385_g_at Cluster Incl. U31346:Human calpastatin mRNA, partial cds, long 3UTR /

25 33411_g_at Cluster Incl. S66213:integrin alpha 6B [human, mRNA Partial, 528 nt]

41244_f_at Cluster Incl. X80910:H.sapiens PPP1CB mRNA /cds=(258,1241) /gb=X80910

1920_s_at X77794 /FEATURE=cds /DEFINITION=HSCYCG1 H.sapiens mRNA for cyclin G1

1321_s_at U43916 /FEATURE= /DEFINITION=HSU43916 Human tumor-associated

30 membrane

696_at Homeotic Protein Hox5.4

340_at AJ001047 /FEATURE=cds /DEFINITION=HSMATRIL3 Homo sapiens mRNA for matrilin

METAGENE 319 :

35

36000_at Cluster Incl. X98054:H.sapiens mRNA for G13 protein /cds=(33,2144) /gb=

36822_at Cluster Incl. U51334:Human putative RNA binding protein (RBP56) mRNA, c

38295_at Cluster Incl. X59842:Human PBX2 mRNA /cds=UNKNOWN /gb=X59842

/gi=35312

40137_at Cluster Incl. M31724:Human phosphotyrosyl-protein phosphatase (PTP-1B)
 34836_at Cluster Incl. U18420:Human ras-related small GTP binding protein Rab5 (

METAGENE 320 :

5

33576_at Cluster Incl. AB020725:Homo sapiens mRNA for KIAA0918 protein, partial
 37832_at Cluster Incl. AL080062:Homo sapiens mRNA; cDNA DKFZp564I122 (from clone
 40035_at Cluster Incl. AB012917:Homo sapiens mRNA for serine protease (TLSP), co
 31843_at Cluster Incl. AB020639:Homo sapiens mRNA for KIAA0832 protein, complete
 10 36074_at Cluster Incl. U12897:Homo sapiens IPW mRNA sequence /cds=UNKNOWN
 /gb=U1
 39701_at Cluster Incl. AB006625:Homo sapiens mRNA for KIAA0287 gene, partial cds
 41749_at Cluster Incl. U53003:Human GT335 mRNA, complete cds /cds=(84,890) /gb=U
 34812_at Cluster Incl. W26099:22f11 Homo sapiens cDNA /gb=W26099 /gi=1306645 /ug
 15 36596_r_at Cluster Incl. S68805:L-arginine-glycine amidinotransferase [human, ki
 37698_at Cluster Incl. X97335:H.sapiens mRNA for kinase A anchor protein /cds=(1
 38768_at Cluster Incl. X96752:H.sapiens mRNA for L-3-hydroxyacyl-CoA dehydrogena
 38816_at Cluster Incl. AF095791:Homo sapiens TACC2 protein (TACC2) mRNA, partial
 1637_at U09578 /FEATURE= /DEFINITION=HSU09578 Homo sapiens MAPKAP kinase (3pK) m
 20 1211_s_at U84388 /FEATURE= /DEFINITION=HSU84388 Human death domain containing
 pr

METAGENE 321 :

25 31531_g_at Cluster Incl. U89344:Human acetyl-CoA carboxylase (ACC2) mRNA, comple
 33555_at Cluster Incl. AF041261:Homo sapiens immunoglobulin-like transcript 7 mR
 38521_at Cluster Incl. X59350:H.sapiens mRNA for B cell membrane protein CD22 /c
 40044_at Cluster Incl. U16282:Human ELL mRNA, complete cds /cds=(12,1877) /gb=U1
 33223_at Cluster Incl. AB011133:Homo sapiens mRNA for KIAA0561 protein, partial
 30 38063_at Cluster Incl. U00952:Human clone A9A2BRB7 (CAC)_n/(GTG)_n repeat-containi
 41539_at Cluster Incl. U77782:Human N-methyl-D-aspartate receptor 2C subunit pre
 810_at U64105 /FEATURE= /DEFINITION=HSU64105 Human guanine nucleotide exchange f

METAGENE 322 :

35

36766_at Cluster Incl. X55988:Human EDN mRNA for eosinophil derived neurotoxin /
 35188_at Cluster Incl. AB018336:Homo sapiens mRNA for KIAA0793 protein, complete
 40447_at Cluster Incl. D87436:Human mRNA for KIAA0249 gene, complete cds /cds=(2
 38730_at Cluster Incl. AB020671:Homo sapiens mRNA for KIAA0864 protein, partial

METAGENE 323 :

	34957_at	Cluster Incl. Y18504:Homo sapiens X5L gene /cds=(112,1089) /gb=Y18504 /
5	36781_at	Cluster Incl. X01683:Human mRNA for alpha 1-antitrypsin /cds=(38,1294)
	36790_at	Cluster Incl. M19267:Human tropomyosin mRNA, complete cds /cds=(286,114
	36791_g_at	Cluster Incl. M19267:Human tropomyosin mRNA, complete cds /cds=(286,1
	39303_at	Cluster Incl. Y14153:Homo sapiens mRNA for beta-transducin repeat conta
	40654_at	Cluster Incl. U88871:Human HsPex7p (HsPEX7) mRNA, complete cds /cds=(81
10	33811_at	Cluster Incl. AI761567:wg66a05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	36013_at	Cluster Incl. AF006621:Homo sapiens embryonic lung protein (HUEL) mRNA,
	36506_at	Cluster Incl. AJ131693:Homo sapiens mRNA for AKAP450 protein /cds=(222,
	36508_at	Cluster Incl. AF030186:Homo sapiens glypican-4 (GPC4) mRNA, complete cd
	37532_at	Cluster Incl. M91432:Human medium-chain acyl-CoA dehydrogenase (MCAD) g
15	38643_at	Cluster Incl. W87466:zh67c05.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	38649_at	Cluster Incl. AB023187:Homo sapiens mRNA for KIAA0970 protein, complete
	39071_at	Cluster Incl. M14648:Human cell adhesion protein (vitronectin) receptor
	39405_at	Cluster Incl. D87455:Human mRNA for KIAA0266 gene, complete cds /cds=(7
	40077_at	Cluster Incl. Z11559:H.sapiens mRNA for iron regulatory factor /cds=(10
20	40437_at	Cluster Incl. AL049944:Homo sapiens mRNA; cDNA DKFZp564G2022 (from
	clon	
	40504_at	Cluster Incl. AF001601:Homo sapiens paraoxonase (PON2) mRNA, complete c
	40854_at	Cluster Incl. J04973:Human cytochrome bc-1 complex core protein II mRNA
	32838_at	Cluster Incl. S67247:smooth muscle myosin heavy chain isoform SMemb [hu
25	33340_at	Cluster Incl. AB007898:Homo sapiens KIAA0438 mRNA, complete cds /cds=(1
	33431_at	Cluster Incl. U05291:Human fibromodulin mRNA, partial cds /cds=(0,177)
	33924_at	Cluster Incl. AB029014:Homo sapiens mRNA for KIAA1091 protein, partial
	33936_at	Cluster Incl. D86181:Homo sapiens DNA for galactocerebrosidase /cds=(14
	34821_at	Cluster Incl. AL050197:Homo sapiens mRNA; cDNA DKFZp586D0623 (from
30	clon	
	35783_at	Cluster Incl. H93123:yv05g07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	37045_at	Cluster Incl. D87443:Human mRNA for KIAA0254 gene, complete cds /cds=(5
	37366_at	Cluster Incl. AL049969:Homo sapiens mRNA; cDNA DKFZp564A072 (from
	clone	
35	37393_at	Cluster Incl. L19314:Human HRY gene, complete cds /cds=(0,842) /gb=L193
	37669_s_at	Cluster Incl. U16799:Human Na,K-ATPase beta-1 subunit mRNA, complete
	38013_at	Cluster Incl. AL096842:Homo sapiens mRNA; cDNA DKFZp586D1519 (from
	clon	

- 38033_at Cluster Incl. AL049934:Homo sapiens mRNA; cDNA DKFZp564M1416 (from
clon
- 38075_at Cluster Incl. X68194:H.sapiens h-Sp1 mRNA /cds=(33,812) /gb=X68194 /gi=
- 38079_at Cluster Incl. AL049367:Homo sapiens mRNA; cDNA DKFZp586B0918 (from
5 clon
- 38411_at Cluster Incl. U90916:Human clone 23815 mRNA sequence /cds=UNKNOWN
/gb=U
- 39809_at Cluster Incl. AF019214:Homo sapiens HMG box containing protein 1 mRNA,
- 40281_at Cluster Incl. D63878:Human mRNA for KIAA0158 gene, complete cds /cds=(2
- 10 40961_at Cluster Incl. X72889:H.sapiens hbrm mRNA /cds=(222,4982) /gb=X72889 /gi
- 32531_at Cluster Incl. X52947:Human mRNA for cardiac gap junction protein /cds=(
- 33126_at Cluster Incl. L13435:Human chromosome 3p21.1 gene sequence
/cds=UNKNOWN
- 1377_at M58603 /FEATURE= /DEFINITION=HUMNFKB Human nuclear factor kappa-B DNA bi
- 15 393_s_at X90976 /FEATURE= /DEFINITION=HSRNAML11 H.sapiens mRNA for an
acute myel

METAGENE 324 :

- 20 35980_at Cluster Incl. AB011153:Homo sapiens mRNA for KIAA0581 protein, partial
- 38634_at Cluster Incl. M11433:Human cellular retinol-binding protein mRNA, compl
- 39331_at Cluster Incl. X79535:H.sapiens mRNA for beta tubulin, clone nuk_278 /cd
- 33856_at Cluster Incl. Y13374:Homo sapiens mRNA for putatively prenylated protei
- 32530_at Cluster Incl. X56468:Human mRNA for 14.3.3 protein, a protein kinase re
- 25 471_f_atU47634 /FEATURE= /DEFINITION=HSU47634 Human beta-tubulin class III isot
- 429_f_atX00734 /FEATURE=cds /DEFINITION=HSREP10 Human beta-tubulin gene (5-beta
- 296_at Tubulin, Beta
- 297_g_at Tubulin, Beta
- 266_s_at L33930 /FEATURE= /DEFINITION=HUMCD24B Homo sapiens CD24 signal
- 30 transduc

METAGENE 325 :

- 39751_at Cluster Incl. AF052182:Homo sapiens clone 24590 mRNA sequence /cds=UNKN
- 35 1567_at S77812 /FEATURE= /DEFINITION=S77812 flt=vascular endothelial growth fact
- 991_g_at X51602 /FEATURE=cds /DEFINITION=HSFLT Human flt mRNA for receptor-
relat

METAGENE 326 :

	34031_i_at	Cluster Incl. U90268:Human Krit1 mRNA, complete cds /cds=(25,1614) /g
	37869_at	Cluster Incl. AB029004:Homo sapiens mRNA for KIAA1081 protein, partial
	38208_at	Cluster Incl. AB021981:Homo sapiens mRNA for UDP-N-acetylglucosamine tr
5	38224_at	Cluster Incl. U71300:Human snRNA activating protein complex 50kD subuni
	41429_at	Cluster Incl. M65254:Protein phosphatase 2A 65 kDa regulatory subunit-b
	41713_at	Cluster Incl. U09848:Human zinc finger protein (ZNF139) mRNA, partial c
	31872_at	Cluster Incl. X79201:H.sapiens mRNA for SYT /cds=(3,1178) /gb=X79201 /g
	34195_at	Cluster Incl. AL121073:DKFZp762B235_r1 Homo sapiens cDNA, 5 end /clone
10	39376_at	Cluster Incl. AB014530:Homo sapiens mRNA for KIAA0630 protein, partial
	40101_g_at	Cluster Incl. U72206:Human guanine nucleotide regulatory factor (LFP4
	40495_at	Cluster Incl. AA306076:EST177079 Homo sapiens cDNA, 5 end /clone=ATCC-
	34890_at	Cluster Incl. L09235:Human vacuolar ATPase (isoform VA68) mRNA, complet
	36632_at	Cluster Incl. U00957:Human clone KDB1.2 (CAC)n/(GTG)n repeat-containing
15	36962_at	Cluster Incl. U24105:Homo sapiens coatomer protein (COPA) mRNA, complet
	36982_at	Cluster Incl. U30888:Human tRNA-guanine transglycosylase mRNA, complete
	37758_s_at	Cluster Incl. W28479:47d8 Homo sapiens cDNA /gb=W28479 /gi=1308427 /u
	39560_at	Cluster Incl. H10776:ym07h11.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	40545_at	Cluster Incl. AB018566:Homo sapiens gene for Proline synthetase associa
20	1668_s_at	L15409 /FEATURE= /DEFINITION=HUMHIPLIND Homo sapiens (clone g7)
	von Hi	

METAGENE 327 :

25	34563_at	Cluster Incl. D26361:Human mRNA for KIAA0042 gene, complete cds /cds=(4
	32324_at	Cluster Incl. X57346:H.sapiens mRNA for HS1 protein /cds=(372,1112) /gb
	38158_at	Cluster Incl. D79987:Human mRNA for KIAA0165 gene, complete cds /cds=(1
	38933_at	Cluster Incl. AL021366:cICK0721Q.3 (Kinesin related protein) /cds=(163,
	39677_at	Cluster Incl. D80008:Human mRNA for KIAA0186 gene, complete cds /cds=(9
30	40041_at	Cluster Incl. AF017790:Homo sapiens retinoblastoma-associated protein H
	40347_at	Cluster Incl. AA913812:ol39a08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	40348_s_at	Cluster Incl. W25866:14c12 Homo sapiens cDNA /gb=W25866 /gi=1305989 /
	40690_at	Cluster Incl. X54942:H.sapiens ckshs2 mRNA for Cks1 protein homologue /
	40726_at	Cluster Incl. U37426:Human kinesin-like spindle protein HKSP (HKSP) mRN
35	41403_at	Cluster Incl. AI032612:ow17e07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41415_at	Cluster Incl. L36720:Homo sapiens bystin mRNA, complete cds /cds=(64,98
	41650_at	Cluster Incl. U63810:Homo sapiens WD40 protein Ciao 1 mRNA, complete cd
	32120_at	Cluster Incl. AF063308:Homo sapiens coiled-coil related protein DEEPEST
	33252_at	Cluster Incl. D38073:Human mRNA for hRlf beta subunit (p102 protein), c

	33266_at	Cluster Incl. AF015254:Homo sapiens serine/threonine kinase (STK-1) mRNA
	34715_at	Cluster Incl. U74612:Human hepatocyte nuclear factor-3/fork head homolo
	34736_at	Cluster Incl. M25753:Human cyclin B mRNA, 3 end /cds=UNKNOWN
	/gb=M2575	
5	35249_at	Cluster Incl. AF091433:Homo sapiens cyclin E2 mRNA, complete cds /cds=(
	35699_at	Cluster Incl. AF053306:Homo sapiens mitotic checkpoint kinase Mad3L (MA
	35995_at	Cluster Incl. AF067656:Homo sapiens ZW10 interactor Zwint mRNA, complet
	36813_at	Cluster Incl. U96131:Homo sapiens HPV16 E1 protein binding protein mRNA
	36839_at	Cluster Incl. U77949:Human Cdc6-related protein (HsCDC6) mRNA, complete
10	36863_at	Cluster Incl. AF032862:Homo sapiens intracellular hyaluronic acid bindi
	37193_at	Cluster Incl. D78335:Human mRNA for 5-terminal region of UMK, complete
	37228_at	Cluster Incl. U01038:Human pLK mRNA, complete cds /cds=(63,1874) /gb=U0
	37920_at	Cluster Incl. U70370:Human hindlimb expressed homeobox protein backfoot
	38675_at	Cluster Incl. AI087268:oz77e01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
15	40074_at	Cluster Incl. X16396:Human mRNA for NAD-dependent methylene tetrahydrof
	40117_at	Cluster Incl. D84557:Homo sapiens mRNA for HsMcm6, complete cds /cds=(6
	40145_at	Cluster Incl. AI375913:tc14c08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40412_at	Cluster Incl. AA203476:zx55e01.r1 Homo sapiens cDNA, 5 end /clone=IMAG
	40417_at	Cluster Incl. D43950:Human mRNA for KIAA0098 gene, partial cds /cds=(0,
20	32222_at	Cluster Incl. AA152202:zl06a03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	32767_at	Cluster Incl. M74558:Human SIL mRNA, complete cds /cds=(380,4243) /gb=M
	34829_at	Cluster Incl. U59151:Human Cbf5p homolog (CBF5) mRNA, complete cds /cds
	34851_at	Cluster Incl. AF011468:Homo sapiens serine/threonine kinase (BTAK) mRNA
	35312_at	Cluster Incl. D21063:Human mRNA for KIAA0030 gene, partial cds /cds=(0,
25	35839_at	Cluster Incl. D78130:Homo sapiens mRNA for squalene epoxidase, complete
	37302_at	Cluster Incl. U30872:Human mitotin mRNA, complete cds /cds=(72,9413) /g
	38116_at	Cluster Incl. D14657:Human mRNA for KIAA0101 gene, complete cds /cds=(6
	38456_s_at	Cluster Incl. AL049650:dJ734P14.2.2 (snRNP (small nuclear ribonucleop
	38804_at	Cluster Incl. AF053641:Homo sapiens brain cellular apoptosis susceptibi
30	39109_at	Cluster Incl. AB024704:Homo sapiens mRNA for fls353, complete cds /cds=
	41583_at	Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (B
	1943_at	X51688 /FEATURE=mRNA /DEFINITION=HSCYCLINA Human mRNA for cyclin A
	1945_at	M25753 /FEATURE=mRNA /DEFINITION=HUMCYCB Human cyclin B mRNA, 3 end
	1809_at	AB003698 /FEATURE= /DEFINITION=AB003698 Homo sapiens mRNA for Cdc7-relat
35	1651_at	U73379 /FEATURE= /DEFINITION=HSU73379 Human cyclin-selective ubiquitin c
	1599_at	L25876 /FEATURE= /DEFINITION=HUMPTPB Homo sapiens protein tyrosine phosp
	1544_at	U39817 /FEATURE= /DEFINITION=HSU39817 Human Bloom s syndrome protein (BL
	1536_at	U77949 /FEATURE= /DEFINITION=HSU77949 Human Cdc6-related protein (HsCDC6
	1516_g_at	Rad2

- 1055_g_at M87339 /FEATURE= /DEFINITION=HUMACT1A Human replication factor C,
37-k
- 904_s_at L47276 /FEATURE=UTR#1 /DEFINITION=HUMTOPATR Homo sapiens (cell
line HL-
- 5 572_at M86699 /FEATURE= /DEFINITION=HUMTTK Human kinase (TTK) mRNA, complete
cds
- 527_at U14518 /FEATURE= /DEFINITION=HSU14518 Human centromere protein-A (CENP-A)
- 419_at X65550 /FEATURE=exon#15 /DEFINITION=HSMKI67 H.sapiens mki67a mRNA (long t
- 349_g_at D14678 /FEATURE= /DEFINITION=HUMMHCB Human mRNA for kinesin-
10 related pro
- 149_at U90426 /FEATURE= /DEFINITION=HSU90426 Human nuclear RNA helicase, complet
- 151_s_at V00599 /FEATURE=mRNA /DEFINITION=HSTUB2 Human mRNA fragment
encoding be
- 15 METAGENE 328 :
- 37472_at Cluster Incl. U60337:Homo sapiens beta-mannosidase mRNA, complete cds /
- 37874_at Cluster Incl. Z47553:H.sapiens mRNA for flavin-containing monooxygenase
- 38151_at Cluster Incl. AF002672:Homo sapiens breast cancer suppressor candidate
- 20 39597_at Cluster Incl. AB020650:Homo sapiens mRNA for KIAA0843 protein, complete
- 40038_at Cluster Incl. W02490:za48b02.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
- 32079_at Cluster Incl. AB014539:Homo sapiens mRNA for KIAA0639 protein, partial
- 32664_at Cluster Incl. D37931:Human mRNA for RNase 4, complete cds /cds=(27,470)
- 32685_at Cluster Incl. AB002349:Human mRNA for KIAA0351 gene, complete cds /cds=
- 25 33749_at Cluster Incl. AB007455:Homo sapiens mRNA for P53TG1-A, complete cds /cd
- 39752_at Cluster Incl. AF040704:Homo sapiens putative tumor suppressor protein (
- 35834_at Cluster Incl. X59766:H.sapiens mRNA for Zn-alpha2-glycoprotein /cds=(10
- 33140_at Cluster Incl. AF029893:Homo sapiens i-beta-1,3-N-acetylglucosaminyltran
- 1103_at M11567 /FEATURE=mRNA /DEFINITION=HUMAGG Human angiogenin gene,
30 complete
- METAGENE 329 :
- 34644_at Cluster Incl. AB021288:Homo sapiens mRNA for beta 2-microglobulin, comp
- 35 35017_f_at Cluster Incl. M80469:Human MHC class I HLA-J gene, exons 1-8 and comp
- 36804_at Cluster Incl. M34455:Human interferon-gamma-inducible indoleamine 2,3-d
- 37421_f_at Cluster Incl. AL022723:dJ377H14.9 (major histocompatibility complex,
- 37454_at Cluster Incl. AJ001634:Homo sapiens mRNA for CC-chemokine MCP-4 /cds=(4
- 38160_at Cluster Incl. AF011333:Homo sapiens DEC-205 mRNA, complete cds /cds=(53

- 38241_at Cluster Incl. U90548:Human butyrophilin (BTF3) mRNA, complete cds /cds=
 39959_at Cluster Incl. AL031983:dJ271M21.6 (Diubiquitin) /cds=(18,515) /gb=AL031
 40008_at Cluster Incl. U46573:Human eotaxin precursor mRNA, complete cds /cds=(5
 40369_f_at Cluster Incl. AL022723:dJ377H14.1 (major histocompatibility complex,
 5 40370_f_at Cluster Incl. M90683:Human lymphocyte antigen (HLA-G1) mRNA, complete
 32700_at Cluster Incl. M55543:Human guanylate binding protein isoform II (GBP-2)
 41184_s_at Cluster Incl. X87344:H.sapiens DMA, DMB, HLA-Z1, IPP2, LMP2, TAP1, LM
 37383_f_at Cluster Incl. X58536:Human mRNA for HLA class I locus C heavy chain /
 998_s_at X59770 /FEATURE=mRNA /DEFINITION=HSIL1R2II H.sapiens IL-1R2 mRNA
 10 for ty

METAGENE 330 :

- 31673_s_at Cluster Incl. X65784:H.sapiens CAR gene /cds=(0,428) /gb=X65784 /gi=4
 15 35411_at Cluster Incl. AB018551:Homo sapiens ATPBL mRNA for coiled-coil protein,
 35868_at Cluster Incl. M91211:Human receptor for advanced glycosylation end prod
 35961_at Cluster Incl. AL049390:Homo sapiens mRNA; cDNA DKFZp586O1318 (from
 clon
 39288_at Cluster Incl. AI951798:wx37f11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 20 39650_s_at Cluster Incl. AB007895:Homo sapiens KIAA0435 mRNA, complete cds /cds=
 41396_at Cluster Incl. AB006629:Homo sapiens mRNA for KIAA0291 gene, partial cds
 32096_at Cluster Incl. AC005546:Homo sapiens chromosome 19, cosmid R29425 /cds=(
 34185_at Cluster Incl. W22541:69B4 Homo sapiens cDNA /clone=(not-directional) /g
 35629_at Cluster Incl. AL022238:dJ1042K10.3 (novel protein) /cds=(0,731) /gb=AL0
 25 35653_at Cluster Incl. U28963:Human Gps2 (GPS2) mRNA, complete cds /cds=(90,1073
 37977_at Cluster Incl. AI138834:qe04b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 38665_at Cluster Incl. D85939:Homo sapiens mRNA for p97 homologous protein, comp
 38718_at Cluster Incl. AL050101:Homo sapiens mRNA; cDNA DKFZp586E1519 (from
 clon
 30 40098_at Cluster Incl. AF001434:Human Hpast (HPAST) mRNA, complete cds /cds=(255
 41189_at Cluster Incl. Y09392:H.sapiens mRNA for WSL-LR, WSL-S1 and WSL-S2 prote
 34874_at Cluster Incl. AJ004832:Homo sapiens mRNA for neuropathy target esterase
 35826_at Cluster Incl. AF040253:Homo sapiens transcription factor Tat-CT1 mRNA,
 36115_at Cluster Incl. L29217:Homo sapiens clk3 mRNA, complete cds /cds=(56,1528
 35 37384_at Cluster Incl. D13640:Human mRNA for KIAA0015 gene, complete cds /cds=(1
 37652_at Cluster Incl. AB002328:Human mRNA for KIAA0330 gene, partial cds /cds=(
 38122_at Cluster Incl. D87075:Human mRNA for KIAA0238 gene, partial cds /cds=(0,
 38750_at Cluster Incl. U97669:Homo sapiens Notch3 (NOTCH3) mRNA, complete cds /c
 39865_at Cluster Incl. AI890903:wm91f10.x1 Homo sapiens cDNA, 3 end /clone=IMAG

- 40221_at Cluster Incl. L39059:Homo sapiens transcription factor SL1 mRNA, comple
 41268_g_at Cluster Incl. AB028972:Homo sapiens mRNA for KIAA1049 protein, partia
 1729_at L41690 /FEATURE= /DEFINITION=HUMTRADD Homo sapiens TNF receptor-1 associ
 1373_at M31523 /FEATURE= /DEFINITION=HUMTFAA Human transcription factor (E2A) mR
5 1185_at D49410 /FEATURE=expanded_cds /DEFINITION=HUMIL3RA12 Human gene for inter

METAGENE 331 :

- 36456_at Cluster Incl. AL080063:Homo sapiens mRNA; cDNA DKFZp564I052 (from clone
10 38322_at Cluster Incl. AI093155:qa97g04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 32237_at Cluster Incl. D87454:Human mRNA for KIAA0265 gene, partial cds /cds=(0,
 38375_at Cluster Incl. AF112219:Homo sapiens esterase D mRNA, complete cds /cds=
 863_g_at U04313 /FEATURE= /DEFINITION=HSU04313 Human maspin mRNA,
 complete cds
15 291_s_at J04152 /FEATURE=mRNA /DEFINITION=HUMGA733A Human
 gastrointestinal tumor

METAGENE 332 :

- 20** 37149_s_at Cluster Incl. U95626:Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (c
 39295_s_at Cluster Incl. AF049884:Homo sapiens Arg/Abl-interacting protein ArgBP
 41087_at Cluster Incl. AC004774:Homo sapiens BAC clone RG300E22 from 7q21-q31.1
 33331_at Cluster Incl. U17077:Human BENE mRNA, partial cds /cds=(0,446) /gb=U170
 36053_at Cluster Incl. AF041248:Homo sapiens cyclin-dependent kinase inhibitor (
25 37265_at Cluster Incl. D87074:Human mRNA for KIAA0237 gene, complete cds /cds=(4
 40466_at Cluster Incl. Z74792:H.sapiens mRNA for CCAAT transcription binding fac
 40508_at Cluster Incl. AF025887:Homo sapiens glutathione S-transferase A4-4 (GST
 33392_at Cluster Incl. AL080155:Homo sapiens mRNA; cDNA DKFZp434J154 (from clone
 34365_at Cluster Incl. AF042386:Homo sapiens cyclophilin-33B (CYP-33) mRNA, comp
30 36118_at Cluster Incl. AJ000882:Homo sapiens mRNA for steroid receptor coactivat
 41806_at Cluster Incl. J04513:Human basic fibroblast growth factor (bFGF) 22.5 k
 1860_at U58334 /FEATURE= /DEFINITION=HSU58334 Human Bcl2, p53 binding protein Bb

METAGENE 333 :

35

- 37989_at Cluster Incl. J03802:Human renal carcinoma parathgrad hormone-like pept
 38484_at Cluster Incl. D21267:Homo sapiens mRNA, complete cds /cds=(205,825) /gb
 615_s_at M24351 /FEATURE=expanded_cds /DEFINITION=HUMPTHL4 Human
 parathyroid hor

METAGENE 334 :

- 32434_at Cluster Incl. D10522:Homo sapiens mRNA for 80K-L protein, complete cds
- 5 37163_at Cluster Incl. AL050374:Homo sapiens mRNA; cDNA DKFZp586C1619 (from
clon
- 41368_at Cluster Incl. AA922934:oh10g06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 36491_at Cluster Incl. D82345:Homo sapiens mRNA for NB thymosin beta, complete c
- 39379_at Cluster Incl. AL049397:Homo sapiens mRNA; cDNA DKFZp586C1019 (from
10 clon
- 41142_at Cluster Incl. U62961:Human succinyl CoA-3-oxoacid CoA transferase precu
- 32190_at Cluster Incl. AL050118:Homo sapiens mRNA; cDNA DKFZp586C201 (from
clone
- 32855_at Cluster Incl. L00352:Human low density lipoprotein receptor gene /cds=(
- 15 41517_g_at Cluster Incl. U95735:Human SNARE protein Ykt6 (YKT6) mRNA, complete c
- 2050_s_at M29870 /FEATURE= /DEFINITION=HUMRACA Human ras-related C3
botulinum to

METAGENE 335 :

- 20 38854_at Cluster Incl. AB014535:Homo sapiens mRNA for KIAA0635 protein, complete
- 39317_at Cluster Incl. D86324:Homo sapiens mRNA for CMP-N-acetylneuraminic acid
- 35722_at Cluster Incl. AL080198:Homo sapiens mRNA; cDNA DKFZp434D222 (from
clone
- 25 36864_at Cluster Incl. AJ001625:Homo sapiens mRNA for Pex3 protein /cds=(63,1184
- 35304_at Cluster Incl. AF052130:Homo sapiens clone 23704 mRNA sequence /cds=UNKN
- 38732_at Cluster Incl. X91788:H.sapiens mRNA for Icln protein /cds=(88,801) /gb=

METAGENE 336 :

- 30 31708_at Cluster Incl. L05095:Homo sapiens ribosomal protein L30 mRNA, complete
- 34472_at Cluster Incl. AB012911:Homo sapiens mRNA for Frizzled-6, complete cds /
- 39953_i_at Cluster Incl. AB014528:Homo sapiens mRNA for KIAA0628 protein, comple
- 40353_at Cluster Incl. AL049962:Homo sapiens mRNA; cDNA DKFZp564P0823 (from
35 clon
- 41604_at Cluster Incl. U79297:Human clone 23589 mRNA sequence /cds=UNKNOWN
/gb=U
- 31899_at Cluster Incl. D14659:Human mRNA for KIAA0103 gene, complete cds /cds=(6
- 32697_at Cluster Incl. AF042729:Homo sapiens lithium-sensitive myo-inositol mono

- 33761_s_at Cluster Incl. AB007962:Homo sapiens mRNA, chromosome 1 specific trans
 34192_at Cluster Incl. AB011104:Homo sapiens mRNA for KIAA0532 protein, partial
 35153_at Cluster Incl. AF058696:Homo sapiens cell cycle regulatory protein p95 (
 36858_at Cluster Incl. D25218:Human mRNA for KIAA0112 gene, partial cds /cds=(0,
 5 37948_at Cluster Incl. J05682:Human subunit C of V-ATPase (vat C) mRNA, 3 end /
 38283_at Cluster Incl. AB007619:Homo sapiens mRNA for EBAG9, complete cds /cds=(
 38306_at Cluster Incl. AA477576:zu44b03.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 38681_at Cluster Incl. U62962:Human Int-6 mRNA, complete cds /cds=(22,1359) /gb=
 39035_at Cluster Incl. AF006010:Human progesterin induced protein (DD5) mRNA, comp
 10 39036_g_at Cluster Incl. AF006010:Human progesterin induced protein (DD5) mRNA, co
 39427_at Cluster Incl. T79616:yd71e06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 39706_at Cluster Incl. AB014536:Homo sapiens mRNA for KIAA0636 protein, complete
 40129_at Cluster Incl. U47077:Human DNA-dependent protein kinase catalytic subun
 32173_at Cluster Incl. X95384:Homo sapiens mRNA for translational inhibitor prot
 15 32255_i_at Cluster Incl. U40705:Homo sapiens telomeric repeat binding factor (TR
 33368_at Cluster Incl. X76040:H.sapiens mRNA for Lon protease-like protein /cds=
 33877_s_at Cluster Incl. AB028990:Homo sapiens mRNA for KIAA1067 protein, partia
 34312_at Cluster Incl. AI040324:oy33a12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 35290_at Cluster Incl. AL050081:Homo sapiens mRNA; cDNA DKFZp566J2146 (from clon
 20 36117_at Cluster Incl. L13616:Human focal adhesion kinase (FAK) mRNA, complete c
 37673_at Cluster Incl. X96586:H.sapiens mRNA for FAN protein /cds=(12,2765) /gb=
 38114_at Cluster Incl. D38551:Human mRNA for KIAA0078 gene, complete cds /cds=(1
 38472_at Cluster Incl. D63477:Human mRNA for KIAA0143 gene, partial cds /cds=(0,
 41503_at Cluster Incl. AB020661:Homo sapiens mRNA for KIAA0854 protein, complete
 25 1789_at U65928 /FEATURE= /DEFINITION=HSU65928 Human Jun activation domain bindin
 1399_at L34587 /FEATURE= /DEFINITION=HUMRPIE Homo sapiens RNA polymerase II elon
 1235_at M86400 /FEATURE= /DEFINITION=HUMPHPLA2 Human phospholipase A2 mRNA,
 comp
 1250_at U47077 /FEATURE= /DEFINITION=HSU47077 Homo sapiens DNA-dependent protein
 30 1073_at M81601 /FEATURE= /DEFINITION=HUMTEFSII Human transcription elongation fa
 623_s_at M28213 /FEATURE= /DEFINITION=HUMRAB2A Homo sapiens GTP-binding
 protein
 160043_at X66087 /FEATURE=cds /DEFINITION=HSAMYB2 H.sapiens a-myb mRNA
 /NOTE=rep

35

METAGENE 337 :

- 36213_at Cluster Incl. AB016816:Homo sapiens MASL1 mRNA, complete cds /cds=(0,31
 34701_at Cluster Incl. U83192:Homo sapiens post-synaptic density protein 95 (PSD

- 36498_at Cluster Incl. AI936759:wp69b12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1562_g_at U27193 /FEATURE= /DEFINITION=HSU27193 Human protein-tyrosine
 phosphata
 1343_s_at S66896 /FEATURE= /DEFINITION=S66896 squamous cell carcinoma antigen=se
- 5**
- METAGENE 338 :
- 35544_at Cluster Incl. Y16280:Homo sapiens mRNA for G protein-coupled receptor E
 32329_at Cluster Incl. X99142:H.sapiens mRNA for hair keratin, hHb6 /cds=(0,1451
10 40331_at Cluster Incl. AF035819:Homo sapiens macrophage receptor MARCO mRNA, com
 32128_at Cluster Incl. Y13710:Homo sapiens mRNA for alternative activated macrop
 37585_at Cluster Incl. X13482:Human mRNA for U2 snRNP-specific A protein /cds=(5
 35850_at Cluster Incl. AI950382:wp10g06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41491_s_at Cluster Incl. AB028944:Homo sapiens mRNA for KIAA1021 protein, partia
15 1481_at L23808 /FEATURE= /DEFINITION=HUMHME Human metalloproteinase (HME) mRNA,
 1482_g_at L23808 /FEATURE= /DEFINITION=HUMHME Human metalloproteinase
 (HME) mRNA
- METAGENE 339 :
- 20**
- 32097_at Cluster Incl. AB007862:Homo sapiens KIAA0402 mRNA, partial cds /cds=(0,
 32713_at Cluster Incl. U51587:Homo sapiens Golgi complex autoantigen golgin-97 m
 40783_s_at Cluster Incl. L36151:Homo sapiens phosphatidylinositol 4-kinase mRNA,
 35301_at Cluster Incl. AL049941:Homo sapiens mRNA; cDNA DKFZp564E2222 (from
25 clon
 35776_at Cluster Incl. AF064243:Homo sapiens intersectin short form mRNA, comple
 37764_at Cluster Incl. D87328:Homo sapiens mRNA for HCS, complete cds /cds=(1231
 41264_at Cluster Incl. AL050172:Homo sapiens mRNA; cDNA DKFZp586F1322 (from
 clon
30
- METAGENE 340 :
- 32485_at Cluster Incl. X00371:Human myoglobin gene (exon 1) (and joined CDS) /cd
 36379_at Cluster Incl. AF085808:Homo sapiens uroplakin III mRNA, complete cds /c
35 34505_at Cluster Incl. AL109725:Homo sapiens mRNA full length insert cDNA clone
 32101_at Cluster Incl. AA112483:zn69a06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 37194_at Cluster Incl. M68891:Human GATA-binding protein (GATA2) mRNA, complete
 34347_at Cluster Incl. AL049955:Homo sapiens mRNA; cDNA DKFZp564J0123 (from clon
 34827_at Cluster Incl. AF045458:Homo sapiens serine/threonine kinase ULK1 (ULK1)

- 37002_at Cluster Incl. D32143:Human mRNA for biliverdin-IXbeta reductase I /cds=
 38729_at Cluster Incl. M88279:Human immunophilin (FKBP52) mRNA, complete cds /cd
 1071_at M77810 /FEATURE= /DEFINITION=HUMGATA2A Human transcription factor GATA-2
 1072_g_at M77810 /FEATURE= /DEFINITION=HUMGATA2A Human transcription factor
5 GATA
 203_at M68891 /FEATURE= /DEFINITION=HUMGATA Human GATA-binding protein
 (GATA2) m
- METAGENE 341 :
- 10**
- 31661_at Cluster Incl. AJ243936:Homo sapiens mRNA for G16 protein (G16 gene loca
 37130_g_at Cluster Incl. AI936758:wp69b11.x1 Homo sapiens cDNA, 3 end /clone=IM
 37462_i_at Cluster Incl. L21990:Human spliceosomal protein (SAP 62) gene, comple
 39601_at Cluster Incl. AF061836:Homo sapiens putative tumor suppressor protein (
15 39661_s_at Cluster Incl. AF034102:Homo sapiens NBMPR-insensitive nucleoside tran
 41004_at Cluster Incl. U43431:Human DNA topoisomerase III mRNA, complete cds /cd
 31842_at Cluster Incl. AF038195:Homo sapiens clone 23661 unknown protein mRNA, c
 32032_at Cluster Incl. L77566:Homo sapiens DGS-I mRNA, 3 end /cds=UNKNOWN
 /gb=L
- 20**
- 35983_at Cluster Incl. AC004528:Homo sapiens chromosome 19, cosmid R32184 /cds=(
 36076_g_at Cluster Incl. AL037167:DKFZp564P1564_s1 Homo sapiens cDNA, 3 end /cl
 37246_at Cluster Incl. AF070535:Homo sapiens clone 24432 mRNA sequence /cds=UNKN
 37278_at Cluster Incl. X92762:H.sapiens mRNA for tafazzins protein /cds=(288,116
 37584_at Cluster Incl. AJ007669:Homo sapiens mRNA for Fanconi anemia group G /cd
25 38340_at Cluster Incl. AB014555:Homo sapiens mRNA for KIAA0655 protein, partial
 38703_at Cluster Incl. AF005050:Homo sapiens aspartyl aminopeptidase mRNA, compl
 38710_at Cluster Incl. AL096714:Homo sapiens mRNA; cDNA DKFZp564E242 (from
 clone
 39339_at Cluster Incl. AB018335:Homo sapiens mRNA for KIAA0792 protein, complete
30 40416_at Cluster Incl. U04847:Human Ini1 mRNA, complete cds /cds=(69,1226) /gb=U
 40842_at Cluster Incl. M60784:Human U1 snRNP-specific protein A gene /cds=(137,9
 41161_at Cluster Incl. AB015051:Homo sapiens mRNA for Daxx, complete cds /cds=(1
 32198_at Cluster Incl. W28979:54e8 Homo sapiens cDNA /gb=W28979 /gi=1308927 /ug=
 32202_at Cluster Incl. U67322:Human HBV associated factor (XAP4) mRNA, complete
35 33889_s_at Cluster Incl. D79985:Human mRNA for KIAA0163 gene, complete cds /cds=
 34358_at Cluster Incl. Z49254:H.sapiens L23-related mRNA /cds=(54,515) /gb=Z4925
 34864_at Cluster Incl. AF070638:Homo sapiens clone 24448 unknown mRNA, partial c
 36124_at Cluster Incl. X59434:Human rohu mRNA for rhodanese /cds=(34,924) /gb=X5
 38076_at Cluster Incl. X69907:H.sapiens gene for mitochondrial ATP synthase c su

- 38464_at Cluster Incl. X87237:H.sapiens mRNA for processing a-glucosidase I /cds
 39141_at Cluster Incl. AF027302:Homo sapiens TNF-alpha stimulated ABC protein (A
 39876_at Cluster Incl. AL035252:Human DNA sequence from clone 738P15 on chromoso
 40609_at Cluster Incl. AI475497:tj92g12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
5 40635_at Cluster Incl. AF089750:Homo sapiens flotillin-1 mRNA, complete cds /cds
 40925_at Cluster Incl. AA554945:ni36d11.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 41258_at Cluster Incl. N29665:yw73e06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 41804_at Cluster Incl. W80358:zh49a07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 41812_s_at Cluster Incl. AB020713:Homo sapiens mRNA for KIAA0906 protein, partia
10 1706_at U01337 /FEATURE=expanded_cds /DEFINITION=HSU01337 Human Ser/Thr protein
 720_at D87673 /FEATURE= /DEFINITION=D87673 Homo sapiens mRNA for heat shock tran

METAGENE 342 :

- 15** 33586_at Cluster Incl. AF070620:Homo sapiens clone 24694 mRNA sequence /cds=UNKN
 34289_f_at Cluster Incl. D50920:Human mRNA for KIAA0130 gene, complete cds /cds=
 34290_f_at Cluster Incl. W29091:56c5 Homo sapiens cDNA /gb=W29091 /gi=1309057 /u
 39042_at Cluster Incl. X05615:Human mRNA for thyroglobulin /cds=(41,8344) /gb=X0
 40787_at Cluster Incl. U90911:Human clone 23652 mRNA sequence /cds=UNKNOWN
20 /gb=U
 32195_at Cluster Incl. AL049450:Homo sapiens mRNA; cDNA DKFZp586B1922 (from
 clon
 35846_at Cluster Incl. M24899:Human triiodothyronine (ear7) mRNA, complete cds /
 38437_at Cluster Incl. X80199:H.sapiens MLN51 mRNA /cds=(233,1837) /gb=X80199 /g
25 39155_at Cluster Incl. D67025:Homo sapiens mRNA for proteasome subunit p58, comp
 616_s_at M24748 /FEATURE=cds#2 /DEFINITION=HUMTHRA1A Human thyroid
 hormone recep

METAGENE 343 :

- 30**
 32389_at Cluster Incl. W25892:17b9 Homo sapiens cDNA /gb=W25892 /gi=1306222 /ug=
 38612_at Cluster Incl. M69023:Human globin gene /cds=UNKNOWN /gb=M69023
 /gi=1831

35 METAGENE 344 :

- 31426_at Cluster Incl. U34806:Human G protein-coupled receptor (GPR15) gene, com
 31495_at Cluster Incl. D63789:Homo sapiens DNA for SCM-1beta precursor, complete
 31554_at Cluster Incl. X55019:H.sapiens mRNA for acetylcholine receptor delta su

	31621_s_at	Cluster Incl. M36860:Human elastin mRNA, complete cds /cds=(49,2241)
	31626_i_at	Cluster Incl. AF047485:Homo sapiens amine oxidase pseudogene mRNA, sp
	31740_s_at	Cluster Incl. AB008913:Homo sapiens mRNA for Pax-4, complete cds /cds
	31745_at	Cluster Incl. AF007194:Homo sapiens mucin (MUC3) mRNA, partial cds /cds
5	31975_at	Cluster Incl. X55503:H.sapiens pseudogene for metallothionein and AG/CT
	31993_f_at	Cluster Incl. U80764:Human EST clone 122887 mariner transposon Hsmar1
	32397_r_at	Cluster Incl. AA079018:zm94e12.s1 Homo sapiens cDNA, 3 end /clone=IM
	32468_f_at	Cluster Incl. D90278:Human CGM1b mRNA for CD66d /cds=(61,594) /gb=D90
	33011_at	Cluster Incl. Y10148:H.sapiens mRNA for NTR2 receptor /cds=(36,1268) /g
10	33027_at	Cluster Incl. W27906:39d11 Homo sapiens cDNA /gb=W27906 /gi=1307854 /ug
	33071_at	Cluster Incl. Z98744:histone H2B /cds=(5,382) /gb=Z98744 /gi=3080457 /u
	33080_s_at	Cluster Incl. AB007943:Homo sapiens mRNA for KIAA0474 protein, comple
	33090_at	Cluster Incl. AJ007292:Homo sapiens mRNA for ephrin-A2 /cds=(15,656) /g
	33622_at	Cluster Incl. Z26308:H.sapiens isoform 1 gene for L-type calcium channe
15	33640_at	Cluster Incl. Y14768:Homo sapiens DNA, cosmid clones TN62 and TN82 /cds
	34104_i_at	Cluster Incl. AI147237:qb36f02.x1 Homo sapiens cDNA, 3 end /clone=IM
	34108_g_at	Cluster Incl. AJ005577:Homo sapiens pfkfb2 gene, exons 1 to 15 /cds=(
	34131_at	Cluster Incl. AB026891:Homo sapiens mRNA for cystine/glutamate transpor
	34167_s_at	Cluster Incl. AA984230:am82g03.s1 Homo sapiens cDNA, 3 end /clone=IM
20	35534_at	Cluster Incl. AB011086:Homo sapiens mRNA for KIAA0514 protein, complete
	32282_at	Cluster Incl. U66047:Human clone Z3-1 placenta expressed mRNA from chro
	33558_at	Cluster Incl. Y09445:H.sapiens mRNA for transcription factor TBX5 /cds=
	34005_at	Cluster Incl. X73079:Homo sapiens encoding Polymeric immunoglobulin rec
	34949_at	Cluster Incl. AB028971:Homo sapiens mRNA for KIAA1048 protein, complete
25	34963_at	Cluster Incl. AA557228:nl75c09.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	35379_at	Cluster Incl. X54412:Human mRNA for alpha1(IX) collagen (long form) /cd
	35492_at	Cluster Incl. AC004523:Homo sapiens chromosome 19, cosmid F22329 /cds=(
	35864_at	Cluster Incl. Y00970:Human mRNA for acrosin (EC 3.4.21.10) /cds=(16,128
	35882_at	Cluster Incl. AI075181:oy96b04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30	35910_f_at	Cluster Incl. AJ003147:Homo sapiens complete genomic sequence between
	37061_at	Cluster Incl. U29615:Human chitotriosidase precursor mRNA, complete cds
	37095_r_at	Cluster Incl. M84562:Human formyl peptide receptor-like receptor (FPR
	37140_s_at	Cluster Incl. AF061193:Homo sapiens ectodysplasin-A isoform EDA-E (ED
	37151_at	Cluster Incl. AF052120:Homo sapiens clone 23836 mRNA sequence /cds=UNKN
35	37418_at	Cluster Incl. M36653:Human Oct-2 factor mRNA, complete cds /cds=UNKNOWN
	37429_g_at	Cluster Incl. AI140857:qa83c11.s1 Homo sapiens cDNA, 3 end /clone=IM
	37517_at	Cluster Incl. AB028962:Homo sapiens mRNA for KIAA1039 protein, partial
	37796_at	Cluster Incl. AF053356:Homo sapiens chromosome 7q22 sequence /cds=(0,24
	38162_at	Cluster Incl. AF007156:Homo sapiens clone 23617 unknown mRNA, partial c

	38193_at	Cluster Incl. X96754:H.sapiens gene encoding kappa light chain constant
	38538_at	Cluster Incl. AB014602:Homo sapiens mRNA for KIAA0702 protein, complete
	38607_at	Cluster Incl. AF027204:Homo sapiens putative tetraspan transmembrane pr
	39609_at	Cluster Incl. U80457:Human transcription factor SIM2 short form mRNA, c
5	40376_at	Cluster Incl. X83573:Homo sapiens ARSE gene, complete CDS /cds=(67,1836
	40651_s_at	Cluster Incl. AF039523:untitled /cds=(0,1334) /gb=AF039523 /gi=282812
	41034_s_at	Cluster Incl. U92315:Homo sapiens hydroxysteroid sulfotransferase SUL
	31810_g_at	Cluster Incl. Z21488:H.sapiens contactin mRNA /cds=(121,3177) /gb=Z21
	31819_at	Cluster Incl. AI796281:wh49a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
10	32104_i_at	Cluster Incl. U66063:Homo sapiens calcium/calmodulin-dependent protei
	32701_at	Cluster Incl. U51269:Human armadillo repeat protein mRNA, complete cds
	32739_at	Cluster Incl. AA001791:zh86c04.r1 Homo-sapiens cDNA, 5 end /clone=IMAG
	35201_at	Cluster Incl. X16135:Human mRNA for novel heterogeneous nuclear RNP pro
	36557_at	Cluster Incl. M92303:Human voltage-dependent calcium channel beta-1 sub
15	37285_at	Cluster Incl. X60364:Human ALAS mRNA for 5-aminolevulinate synthase pre
	37633_s_at	Cluster Incl. J04129:Human placental protein 14 (PP14) mRNA, complete
	37905_r_at	Cluster Incl. X66436:H.sapiens hsr1 mRNA (partial) /cds=UNKNOWN /gb=X
	38297_at	Cluster Incl. X98654:H.sapiens mRNA for DRES9 protein /cds=(189,3923) /
	39335_at	Cluster Incl. AI074025:oy66g12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
20	32220_at	Cluster Incl. D63874:Human mRNA for HMG-1, complete cds /cds=(76,723) /
	34351_at	Cluster Incl. AL022394:dJ511B24.2 (1-Phosphatidylinositol-4,5-Bisphosph
	34405_at	Cluster Incl. U47927:Human isopeptidase T (ISOT) mRNA, complete cds /cd
	34846_at	Cluster Incl. AF112472:Homo sapiens calcium/calmodulin-dependent protei
	38822_at	Cluster Incl. AB011420:Homo sapiens mRNA for DRAK1, complete cds /cds=(
25	39451_i_at	Cluster Incl. AF050145:Homo sapiens iduronate-2-sulfatase (IDS) mRNA,
	39459_at	Cluster Incl. W28765:51d2 Homo sapiens cDNA /gb=W28765 /gi=1308713 /ug=
	39474_s_at	Cluster Incl. AF045800:Homo sapiens gremlin mRNA, complete cds /cds=(
	39490_f_at	Cluster Incl. W26381:29b11 Homo sapiens cDNA /gb=W26381 /gi=1307098 /
	39500_s_at	Cluster Incl. AL049299:Homo sapiens mRNA; cDNA DKFZp564P233 (from clo
30	39508_at	Cluster Incl. AI201607:qb81b03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40904_at	Cluster Incl. AI857673:wk96c02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41001_at	Cluster Incl. AB023202:Homo sapiens mRNA for KIAA0985 protein, complete
	41286_at	Cluster Incl. X77753:H.sapiens TROP-2 gene /cds=(615,1586) /gb=X77753 /
	41799_at	Cluster Incl. W28595:48h8 Homo sapiens cDNA /gb=W28595 /gi=1308543 /ug=
35	32525_r_at	Cluster Incl. W29012:55a6 Homo sapiens cDNA /gb=W29012 /gi=1308969 /u
	32540_at	Cluster Incl. AI762547:wh92e05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	1967_f_at	U18334 /FEATURE=cds /DEFINITION=HSUNOSIIC1 Human nitric oxide
	synthase	
	1804_at	X07730 /FEATURE= /DEFINITION=HSPSA Human mRNA for prostate specific anti

- 1432_s_at D16105 /FEATURE= /DEFINITION=HUMLTCLP2 Human mRNA for leukocyte tyrosi
- 1296_at D83542 /FEATURE= /DEFINITION=HUMC15A Homo sapiens mRNA for cadherin-15,
- 1089_i_at M64936 /FEATURE= /DEFINITION=HUMRIRT Homo sapiens retinoic acid-
- 5 induci
- 970_r_atX98296 /FEATURE=cds /DEFINITION=HSUBIQHYD H.sapiens mRNA for ubiquitin
- 916_at L18983 /FEATURE=mRNA /DEFINITION=HUMTYROPHO Homo sapiens tyrosine phospho
- 870_f_atM93311 /FEATURE=cds /DEFINITION=HUMMETIII Human metallothionein-III gen
- 10 726_f_atChorionic Somatomammotropin Hormone Cs-5
- 259_s_at M16441 /FEATURE=cds#2 /DEFINITION=HUMTNFAB Human tumor necrosis factor
- METAGENE 345 :
- 15
- 35710_s_at Cluster Incl. U95006:Human D9 splice variant A mRNA, complete cds /cd
- 38655_at Cluster Incl. AI525633:PT1.3_04_A08.r Homo sapiens cDNA, 5 end /clone
- 38988_at Cluster Incl. AJ007042:Homo sapiens mRNA for TRX5 protein /cds=(762,485
- 40873_at Cluster Incl. D86963:Human mRNA for KIAA0208 gene, complete cds /cds=(1
- 20 35800_at Cluster Incl. D63391:Human mRNA for platelet activating factor acetylhy
- 40891_f_at Cluster Incl. X92896:H.sapiens mRNA for ITBA2 protein /cds=(10,327) /
- 1132_s_at L12060 /FEATURE=mRNA /DEFINITION=HUMRARG7A Homo sapiens retinoic acid
- 25 METAGENE 346 :
- 35414_s_at Cluster Incl. U77914:Human soluble protein Jagged mRNA, partial cds /
- 36780_at Cluster Incl. M25915:Human complement cytolysis inhibitor (CLI) mRNA, c
- 37259_at Cluster Incl. Z81326:H.sapiens mRNA for protease inhibitor 12 (PI12; ne
- 30 37958_at Cluster Incl. AL049257:Homo sapiens mRNA; cDNA DKFZp564E153 (from clone
- 36690_at Cluster Incl. M10901:Human glucocorticoid receptor alpha mRNA, complete
- 38101_at Cluster Incl. AB011151:Homo sapiens mRNA for KIAA0579 protein, partial
- 38465_at Cluster Incl. M37721:Human peptidylglycine alpha-amidating monooxygenas
- 35 38800_at Cluster Incl. D45352:HUMHG17416 Homo sapiens cDNA /gb=D45352 /gi=113667
- 40202_at Cluster Incl. D31716:Human mRNA for GC box binding protein, complete cds
- 41830_at Cluster Incl. AB007963:Homo sapiens mRNA for KIAA0494 protein, complete
- 32526_at Cluster Incl. AA149644:z139d08.s1 Homo sapiens cDNA, 3 end /clone=IMAG

1507_s_at D11151 /FEATURE=_expandCDS /DEFINITION=HUMETAR8 Human DNA for endothel

METAGENE 347 :

5

33647_s_at Cluster Incl. AA224768:nc12d09.r1 Homo sapiens cDNA /clone=IMAGE-1007

35934_at Cluster Incl. L19161:Human translation initiation factor eIF-2 gamma su

37507_i_at Cluster Incl. AA675900:g02504r Homo sapiens cDNA, 5 end /clone=g0250

38230_at Cluster Incl. U81984:Human endothelial PAS domain protein 1 (EPAS1) mRN

10 38881_i_at Cluster Incl. AF096870:Homo sapiens estrogen-responsive B box protein

32038_s_at Cluster Incl. AI739308:wi30c12.x1 Homo sapiens cDNA, 3 end /clone=IM

40100_at Cluster Incl. U72206:Human guanine nucleotide regulatory factor (LFP40)

40845_at Cluster Incl. U10324:Human nuclear factor NF90 mRNA, complete cds /cds=

33818_at Cluster Incl. AC004472:Homo sapiens chromosome 9, P1 clone 11659 /cds=(

15 34374_g_at Cluster Incl. Z97054:Human DNA sequence from PAC 339A18 on chromosome

35287_at Cluster Incl. AF046888:Homo sapiens proliferation inducing ligand APRIL

37024_at Cluster Incl. AF010312:Homo sapiens Pig7 (PIG7) mRNA, complete cds /cds

38393_at Cluster Incl. D87434:Human mRNA for KIAA0247 gene, complete cds /cds=(2

38401_s_at Cluster Incl. W27594:34h4 Homo sapiens cDNA /gb=W27594 /gi=1307542 /u

20 2025_s_at M80261 /FEATURE= /DEFINITION=HUMAPE Human apurinic endonuclease (APE)

1950_s_at AB004922 /FEATURE=cds /DEFINITION=AB004922S1 Homo sapiens gene for Sma

1936_s_at Proto-Oncogene C-Myc, Alt. Splice 3, Orf 114

25 1272_at L19161 /FEATURE= /DEFINITION=HUMIEF2G Human translation initiation facto

1244_at U18671 /FEATURE=mRNA /DEFINITION=HSU18671 Human Stat2 gene, complete cds

1220_g_at X15949 /FEATURE=cds /DEFINITION=HSIRF2 Human mRNA for interferon regul

1199_at D13748 /FEATURE= /DEFINITION=HUM4AI Human mRNA for eukaryotic initiation

30 898_s_at L37360 /FEATURE= /DEFINITION=HUMEFL2 Homo sapiens (clone hEHK1-L) EHK1

612_s_at M19650 /FEATURE= /DEFINITION=HUMCNPDEA Human 2,3 -cyclic nucleotide 3

35 463_g_at U70862 /FEATURE= /DEFINITION=HSU70862 Human nuclear factor I B3 mRNA, c

421_at X66397 /FEATURE=cds /DEFINITION=HSTPRM H.sapiens tpr mRNA

METAGENE 348 :

	33602_at	Cluster Incl. AJ000479:Homo sapiens mRNA for putative G-protein coupled
	33613_at	Cluster Incl. AA806239:oc21e02.s1 Homo sapiens cDNA /clone=IMAGE-134153
	32953_at	Cluster Incl. X04391:Human mRNA for lymphocyte glycoprotein T1/Leu-1 /c
	32967_at	Cluster Incl. AF057557:Homo sapiens anti-Fas-induced apoptosis (TOSO) m
5	32977_at	Cluster Incl. U49187:Human placenta (Diff48) mRNA, complete cds /cds=(4
	34959_at	Cluster Incl. M15059:Human Fc-epsilon receptor (IgE receptor) mRNA, com
	34960_g_at	Cluster Incl. M15059:Human Fc-epsilon receptor (IgE receptor) mRNA, c
	35883_at	Cluster Incl. X66079:H.sapiens Spi-B mRNA /cds=(5,793) /gb=X66079 /gi=3
	37411_at	Cluster Incl. D30758:Human mRNA for KIAA0050 gene, complete cds /cds=(1
10	37417_at	Cluster Incl. M36542:Human lymphoid-specific transcription factor mRNA,
	37419_g_at	Cluster Incl. M36653:Human Oct-2 factor mRNA, complete cds /cds=UNKNO
	39318_at	Cluster Incl. X82240:H.sapiens mRNA for Tcell leukemia/lymphoma 1 /cds=
	40396_at	Cluster Incl. U49395:Human ionotropic ATP receptor P2X5a mRNA, complete
	40700_at	Cluster Incl. U36500:Human lymphoid-specific SP100 homolog (LYSP100-B)
15	40723_at	Cluster Incl. AJ010059:Homo sapiens SIT protein /cds=(87,677) /gb=AJ010
	40729_s_at	Cluster Incl. Y14768:Homo sapiens DNA, cosmid clones TN62 and TN82 /c
	40749_at	Cluster Incl. X07203:Human mRNA for CD20 receptor (S7) /cds=(90,983) /g
	32649_at	Cluster Incl. X59871:Human TCF-1 mRNA for T cell factor 1 (splice form
	32660_at	Cluster Incl. AB002340:Human mRNA for KIAA0342 gene, complete cds /cds=
20	32716_at	Cluster Incl. X62535:H.sapiens mRNA for diacylglycerol kinase /cds=(103
	36874_at	Cluster Incl. M26004:Human CR2/CD21/C3d/Epstein-Barr virus receptor mRN
	37272_at	Cluster Incl. X57206:H.sapiens mRNA for 1D-myo-inositol-trisphosphate 3
	37988_at	Cluster Incl. M89957:Human immunoglobulin superfamily member B cell rec
	38269_at	Cluster Incl. AL050147:Homo sapiens mRNA; cDNA DKFZp586E0820 (from
25	clon	
	38359_at	Cluster Incl. Y12336:H.sapiens mRNA for F25B3.3 kinase like protein fro
	38361_g_at	Cluster Incl. AI688812:wd41c03.x1 Homo sapiens cDNA, 3 end /clone=IM
	40159_r_at	Cluster Incl. M55067:Human 47-kD autosomal chronic granulomatous dise
	40420_at	Cluster Incl. AB015718:Homo sapiens lok mRNA for protein kinase, comple
30	32224_at	Cluster Incl. AB018312:Homo sapiens mRNA for KIAA0769 protein, complete
	34871_at	Cluster Incl. W30677:zb75h10.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	35310_at	Cluster Incl. D45288:HUMHG2121 Homo sapiens cDNA /gb=D45288
	/gi=1136684	
	1768_s_at	X59932 /FEATURE=mRNA /DEFINITION=HSCSRCKIN Human mRNA for C-
35	SRC-kinase	
	1336_s_at	X06318 /FEATURE=cds /DEFINITION=HSPKCB1A Human mRNA for protein
	kinase	
	1097_s_at	L31584 /FEATURE=exon /DEFINITION=HUMEBI103 Human G protein-coupled
	rec	

- 1096_g_at M28170 /FEATURE= /DEFINITION=HUMCSPC Human cell surface protein CD19 (
- 1085_s_at M37238 /FEATURE=mRNA /DEFINITION=HUMPLC Human phospholipase C mRNA, co
- 5 1004_at X68149 /FEATURE=exon#2 /DEFINITION=HSBLR1A Homo sapiens BLR1 gene for Bu
854_at S76617 /FEATURE= /DEFINITION=S76617 blk=protein tyrosine kinase [human, B
848_at U19261 /FEATURE= /DEFINITION=HSU19261 Homo sapiens Epstein-Barr virus-ind
619_s_at M27394 /FEATURE=cds /DEFINITION=HUMB1LYM Human B-lymphocyte cell-surfac
- 10 358_at AF000545 /FEATURE=cds /DEFINITION=HSAF000545 Homo sapiens putative purine
253_g_at L42324 /FEATURE=cds /DEFINITION=HUMFRCG Homo sapiens (clone GPCR W) G p
138_at U66464 /FEATURE= /DEFINITION=HSU66464 Human hematopoietic progenitor kina
- 15 METAGENE 349 :
- 32968_s_at Cluster Incl. AL050253:H.sapiens mRNA similar to D29763 mouse mRNA fo
33947_at Cluster Incl. U18550:Human GPR3 G protein-coupled receptor gene, comple
34495_r_at Cluster Incl. AJ011733:Homo sapiens mRNA for synaptogyrin 4 protein /
- 20 37514_s_at Cluster Incl. AB008047:Homo sapiens sMAP mRNA for small MBL-associate
39220_at Cluster Incl. T92248:ye18d03.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
36640_at Cluster Incl. X66141:H.sapiens mRNA for cardiac ventricular myosin ligh
39190_s_at Cluster Incl. AC002126:Homo sapiens DNA from chromosome 19-cosmids R3
33105_at Cluster Incl. W28790:54g3 Homo sapiens cDNA /gb=W28790 /gi=1308945 /ug=
- 25 1207_at X66365 /FEATURE=cds /DEFINITION=HSSTHPKF H.sapiens mRNA PLSTIRE for seri
- METAGENE 350 :
- 32062_at Cluster Incl. D25216:Human mRNA for KIAA0014 gene, complete cds /cds=(1
30 36555_at Cluster Incl. AF044311:Homo sapiens gamma-synuclein gene, complete cds
39878_at Cluster Incl. AI524125:th09d11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- METAGENE 351 :
- 35 32001_s_at Cluster Incl. M80482:Human subtilisin-like protein (PACE4) mRNA, comp
35055_at Cluster Incl. X53281:H.sapiens BTF3b mRNA /cds=(239,727) /gb=X53281 /gi
34042_at Cluster Incl. U96769:Homo sapiens chondroadherin gene, 5flanking region
35437_at Cluster Incl. M88461:Human neuropeptide Y peptide YY receptor mRNA, com
37486_f_at Cluster Incl. U68385:Human Meis1-related protein 2 (MRG2), mRNA, part

- 37811_at Cluster Incl. AF042792:Homo sapiens alpha 2 delta calcium channel subun
38167_at Cluster Incl. AB020704:Homo sapiens mRNA for KIAA0897 protein, partial
38954_at Cluster Incl. Y18423:Homo sapiens VIP2R gene, exons 1-2 (and joined CDS
39583_at Cluster Incl. AF030435:Homo sapiens glioma amplified on chromosome 1 pr
5 39992_at Cluster Incl. AF030302:Homo sapiens p45-BWR1A (BWR1-A) mRNA, complete
c
40016_g_at Cluster Incl. AB002301:Human mRNA for KIAA0303 gene, partial cds /cds
41655_at Cluster Incl. AL034399:dA191P20.2 (novel Fibronectin type III domain co
35175_f_at Cluster Incl. X70940:H.sapiens mRNA for elongation factor 1 alpha-2 /
10 35216_at Cluster Incl. X79440:H.sapiens mRNA for NADP+-dependent malic enzyme /c
36499_at Cluster Incl. D87469:Human mRNA for KIAA0279 gene, partial cds /cds=(0,
36859_at Cluster Incl. AF067724:Homo sapiens nm23-H5 mRNA, complete cds /cds=(48
38688_at Cluster Incl. AB007930:Homo sapiens mRNA for KIAA0461 peroteine, partial
39014_at Cluster Incl. D84239:Homo sapiens mRNA for IgG Fc binding protein, comp
15 39378_at Cluster Incl. U17999:HSU17999 Homo sapiens cDNA /clone=B49B32B27 /gb=U1
39421_at Cluster Incl. D43969:Human AML1 mRNA for AML1c protein (alternatively s
39781_at Cluster Incl. U20982:Human insulin-like growth factor binding protein-4
33452_at Cluster Incl. M15518:Human tissue-type plasminogen activator (t-PA) mRN
33825_at Cluster Incl. X68733:H.sapiens gene for alpha1-antichymotrypsin, exon 1
20 34408_at Cluster Incl. AF004222:Homo sapiens RTN2-A (RTN2) mRNA, complete cds /c
35778_at Cluster Incl. AB011103:Homo sapiens mRNA for KIAA0531 protein, complete
36179_at Cluster Incl. U12779:Human MAP kinase activated protein kinase 2 mRNA,
40986_s_at Cluster Incl. AA058852:zf65a11.s1 Homo sapiens cDNA, 3 end /clone=IM
41328_s_at Cluster Incl. AL096717:Homo sapiens mRNA; cDNA DKFZp564P0662 (from cl
25 1737_s_at M62403 /FEATURE= /DEFINITION=HUMIGFBP5 Human insulin-like growth
facto
1241_at U14603 /FEATURE= /DEFINITION=HSU14603 Human protein-tyrosine phosphatase
943_at D43968 /FEATURE= /DEFINITION=HUMAML1BA Human AML1 mRNA for AML1b
protein
30 573_at M86826 /FEATURE= /DEFINITION=HUMIGFACID Human IGF binding protein
complex

METAGENE 352 :

35 37222_at Cluster Incl. X79389:H.sapiens GSTT1 mRNA /cds=(0,722) /gb=X79389 /gi=5
35836_at Cluster Incl. AB019408:Homo sapiens mRNA, expressed in fibroblasts of p
375_at Z84718 /FEATURE=mRNA#1 /DEFINITION=HS322B1 Human DNA sequence from
clone

METAGENE 353 :

- 34970_r_at Cluster Incl. AI655458:tt13a03.x1 Homo sapiens cDNA, 3' end /clone=IM
 37779_at Cluster Incl. Y08134:H.sapiens mRNA for ASM-like phosphodiesterase 3b /
5 31816_at Cluster Incl. X55079:Human lysosomal alpha-glucosidase gene exon 1 /cds
 33758_f_at Cluster Incl. U25988:Human pregnancy-specific glycoprotein 13 (PSG13)
 33879_at Cluster Incl. U79528:Human SR31747 binding protein 1 mRNA, complete cds
 37761_at Cluster Incl. AB015020:Homo sapiens mRNA for BAP2-beta protein, complet
 38029_at Cluster Incl. J02939:Human membrane glycoprotein 4F2 antigen heavy chain
10 38429_at Cluster Incl. U29344:Human breast carcinoma fatty acid synthase mRNA, c
 39185_at Cluster Incl. AF091083:Homo sapiens clone 628 unknown mRNA, complete se
 1813_at Epidermal Growth Factor Receptor-Related Protein

METAGENE 354 :

- 15**
 38156_at Cluster Incl. U78313:Human myogenic repressor I-mf (MDFI) mRNA, complet
 34277_at Cluster Incl. AB018195:Homo sapiens ca xi mRNA for carbonic anhydrase-r
 38286_at Cluster Incl. AB028994:Homo sapiens mRNA for KIAA1071 protein, partial
 39417_at Cluster Incl. AB028951:Homo sapiens mRNA for KIAA1028 protein, partial

20

METAGENE 355 :

- 36694_at Cluster Incl. AF043472:Homo sapiens Shab-related delayed-rectifier K⁺ c
 37422_at Cluster Incl. S71018:cyclophilin C [human, kidney, mRNA, 883 nt] /cds=(
25 38228_g_at Cluster Incl. AB006909:Homo sapiens mRNA for A-type microphthalmia as
 33787_at Cluster Incl. AB011109:Homo sapiens mRNA for KIAA0537 protein, complete
 36497_at Cluster Incl. W28438:47g10 Homo sapiens cDNA /gb=W28438 /gi=1308449 /ug
 36550_at Cluster Incl. AL049538:Human DNA sequence from clone 1175I6 on chromoso
 38653_at Cluster Incl. D11428:Homo sapiens mRNA for PMP-22(PAS-II/SR13/Gas-3), c
30 39754_at Cluster Incl. X53002:Human mRNA for integrin beta-5 subunit /cds=(336,2
 33371_s_at Cluster Incl. U59877:Human low-Mr GTP-binding protein (RAB31) mRNA, c
 41534_at Cluster Incl. AB006755:Homo sapiens mRNA for PCDH7 (BH-Pcdh)a, complete
 2058_s_at M35011 /FEATURE= /DEFINITION=HUMIBSUB Human integrin beta-5 subunit
 mR
35 719_g_at D87258 /FEATURE= /DEFINITION=D87258 Homo sapiens mRNA for serin
 proteas
 273_g_at K02054 /FEATURE=mRNA /DEFINITION=HUMGRP5E Human gastrin-
 releasing pepti

METAGENE 356 :

- 39605_at Cluster Incl. X74142:H.sapiens HBF-1 mRNA for transcription factor /cds
 32092_at Cluster Incl. AB007937:Homo sapiens mRNA for KIAA0468 protein, complete
 5 32648_at Cluster Incl. U15979:Human (dlk) mRNA, complete cds /cds=(173,1321) /gb
 33795_at Cluster Incl. AB006630:Homo sapiens mRNA for KIAA0292 gene, partial cds
 34720_at Cluster Incl. U85193:Human nuclear factor I-B2 (NFIB2) mRNA, complete c
 35716_at Cluster Incl. AB008164:Homo sapiens mRNA for ST1C2, complete cds /cds=(
 36899_at Cluster Incl. M97287:Human MAR/SAR DNA binding protein (SATB1) mRNA,
 10 co
 38003_s_at Cluster Incl. U94905:Human diacylglycerol kinase zeta mRNA, alternati
 40054_at Cluster Incl. D43949:Human mRNA for KIAA0082 gene, partial cds /cds=(0,
 40141_at Cluster Incl. AB014595:Homo sapiens mRNA for KIAA0695 protein, complete
 37294_at Cluster Incl. X61123:Human BTG1 mRNA /cds=(308,823) /gb=X61123 /gi=2950
 15 1364_at M93426 /FEATURE= /DEFINITION=HUMPTPRZ Human protein tyrosine phosphatase
 174_s_at U61167 /FEATURE= /DEFINITION=HSU61167 Human SH3 domain-containing
 prote

METAGENE 357 :

- 20
 35177_at Cluster Incl. AB018268:Homo sapiens mRNA for KIAA0725 protein, partial
 39017_at Cluster Incl. AJ238094:Homo sapiens mRNA for Lsm1 protein /cds=(188,589
 40424_at Cluster Incl. AI017935:ou43h10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 35804_at Cluster Incl. AB022785:Homo sapiens ASH2L gene, complete cds, similar t
 25 2056_at M34641 /FEATURE= /DEFINITION=HUMFGF1A Human fibroblast growth factor (FG
 2057_g_at M34641 /FEATURE= /DEFINITION=HUMFGF1A Human fibroblast growth
 factor (
 424_s_at X66945 /FEATURE=cds /DEFINITION=HSNSAMTK H.sapiens N-sam mRNA
 for fibro

30

METAGENE 358 :

- 37498_at Cluster Incl. AL050404:Human DNA sequence from clone 955M13 on chromoso
 39302_at Cluster Incl. X56807:Human DSC2 mRNA for desmocollins type 2a and 2b /c
 35 39625_at Cluster Incl. AL050204:Homo sapiens mRNA; cDNA DKFZp586F1223 (from
 clon
 31792_at Cluster Incl. M20560:Human lipocortin-III mRNA, complete cds /cds=(46,1
 36515_at Cluster Incl. AJ238764:Homo sapiens mRNA for UDP-N-acetylglucosamine-2-
 36873_at Cluster Incl. D16532:Human gene for very low density lipoprotein recept

	37225_at	Cluster Incl. D79994:Human mRNA for KIAA0172 gene, partial cds /cds=(0,
	37544_at	Cluster Incl. X64318:H.sapiens E4BP4 gene /cds=(213,1601) /gb=X64318 /g
	40423_at	Cluster Incl. AB020710:Homo sapiens mRNA for KIAA0903 protein, partial
	34850_at	Cluster Incl. AB017644:Homo sapiens mRNA for ubiquitin-conjugating enzy
5	35335_at	Cluster Incl. AB014519:Homo sapiens mRNA for KIAA0619 protein, complete
	35342_at	Cluster Incl. AF052159:Homo sapiens clone 24416 mRNA sequence /cds=UNKN
	35803_at	Cluster Incl. S82240:RhoE=26 kda GTPase homolog [human, HeLa cell line,
	35816_at	Cluster Incl. U46692:Human cystatin B gene, complete cds /cds=(96,392)
	37047_at	Cluster Incl. AF002020:Homo sapiens Niemann-Pick C disease protein (NPC
10	37327_at	Cluster Incl. X00588:Human mRNA for precursor of epidermal growth facto
	1674_at	M15990 /FEATURE= /DEFINITION=HUMCYES1 Human c-yes-1 mRNA
	408_at	X54489 /FEATURE=mRNA /DEFINITION=HSMGSAG Human gene for melanoma
		growth s
	339_at	AF035752 /FEATURE= /DEFINITION=AF035752 Homo sapiens caveolin-2 mRNA, com
15		
		METAGENE 359 :
	32971_at	Cluster Incl. L27479:Human X123 mRNA, 3 end /cds=(2,739) /gb=L27479 /g
	37860_at	Cluster Incl. AL049942:Homo sapiens mRNA; cDNA DKFZp564F1422 (from
20	clon	
	41018_at	Cluster Incl. AL050015:Homo sapiens mRNA; cDNA DKFZp564O243 (from
	clone	
	41418_at	Cluster Incl. AB020628:Homo sapiens mRNA for KIAA0821 protein, complete
	33698_at	Cluster Incl. AB028975:Homo sapiens mRNA for KIAA1052 protein, complete
25	34178_at	Cluster Incl. AI884738:wl84b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35675_at	Cluster Incl. AF037261:Homo sapiens SH3-containing adaptor molecule-1 m
	36084_at	Cluster Incl. D38548:Human mRNA for KIAA0076 gene, complete cds /cds=(8
	37192_at	Cluster Incl. U28389:Human dematin 52 kDa subunit mRNA, complete cds /c
	37563_at	Cluster Incl. AB007871:Homo sapiens KIAA0411 mRNA, complete cds /cds=(0
30	38621_at	Cluster Incl. AJ012008:Homo sapiens genes encoding RNCC protein, DDAH p
	38628_at	Cluster Incl. AF029777:Homo sapiens histone acetyltransferase (GCN5) mR
	40149_at	Cluster Incl. AL049924:Homo sapiens mRNA; cDNA DKFZp547G1110 (from
	clon	
	40446_at	Cluster Incl. AL021366:cICK0721Q.4.1 (PHD finger protein 2) (isoform 2)
35	40829_at	Cluster Incl. AB028960:Homo sapiens mRNA for KIAA1037 protein, partial
	40837_at	Cluster Incl. M99436:Human transducin-like enhancer protein (TLE2) mRNA
	33822_at	Cluster Incl. Z11584:H.sapiens mRNA for NuMA protein /cds=(258,6563) /g
	33901_at	Cluster Incl. U81375:Human placental equilibrative nucleoside transport
	36129_at	Cluster Incl. AB007857:Homo sapiens KIAA0397 mRNA, complete cds /cds=(5

- 38109_at Cluster Incl. AF020544:Homo sapiens inactive palmitoyl-protein thioeste
 38398_at Cluster Incl. AB002356:Human mRNA for KIAA0358 gene, complete cds /cds=
 38810_at Cluster Incl. AF039241:AF039241 Homo sapiens cDNA /clone=11-67js /gb=AF
 39103_s_at Cluster Incl. H98552:yv97h03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
5 39164_at Cluster Incl. AF099149:Homo sapiens TRIAD1 type I mRNA, complete cds /c
 39866_at Cluster Incl. AB028986:Homo sapiens mRNA for KIAA1063 protein, partial
 40219_at Cluster Incl. AI796944:we25b03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40997_at Cluster Incl. AI660963:wf20e04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1047_s_at U37055 /FEATURE=mRNA /DEFINITION=HSU37055 Human hepatocyte
10 growth fact
 320_at D83703 /FEATURE= /DEFINITION=D83703 Homo sapiens mRNA for peroxisome asse
 329_s_at Nuclear Mitotic Apparatus Protein 1, Alt. Splice Form 2
 162_at U44839 /FEATURE= /DEFINITION=HSU44839 Human putative ubiquitin C-terminal
15 METAGENE 360 :
 32382_at Cluster Incl. AB015234:Homo sapiens mRNA for uroplakin 1b, complete cds
 39077_at Cluster Incl. U41843:Human Dr1-associated corepressor (DRAP1) mRNA, com
 36587_at Cluster Incl. Z11692:H.sapiens mRNA for elongation factor 2 /cds=(0,257
20 36683_at Cluster Incl. AI953789:wx69d10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41831_at Cluster Incl. AF077820:Homo sapiens LDL receptor member LR3 mRNA, compl
 METAGENE 361 :
25 37883_i_at Cluster Incl. AI375033:ta66e10.x1 Homo sapiens cDNA, 3 end /clone=IM
 41680_at Cluster Incl. AF007170:Homo sapiens DEME-6 mRNA, partial cds /cds=(0,17
 33263_at Cluster Incl. X67098:H.sapiens rTS alpha mRNA containing four open read
 37932_at Cluster Incl. Y12490:Homo sapiens mRNA for Golgi-associated microtubule
 39072_at Cluster Incl. L07648:Human MXI1 mRNA, complete cds /cds=(208,894) /gb=L
30 40405_at Cluster Incl. X70991:H.sapiens MADER mRNA /cds=(0,1427) /gb=X70991 /gi=
 32154_at Cluster Incl. M36711:Human sequence-specific DNA-binding protein (AP-2)
 1629_s_at Tyrosine Phosphatase 1, Non-Receptor, Alt. Splice 3
 654_at L07648 /FEATURE= /DEFINITION=HUMMXI1A Human MXI1 mRNA, complete cds
 243_g_at M64571 /FEATURE=mRNA /DEFINITION=HUMMAP4 Human microtubule-
35 associated p

METAGENE 362 :

- 34151_at Cluster Incl. AL050284:Homo sapiens mRNA; cDNA DKFZp586M1019 (from
clon
- 40735_at Cluster Incl. D16626:Human mRNA for histidase, complete cds /cds=(243,2
- 35169_at Cluster Incl. AI982638:wt53c06.x1 Homo sapiens cDNA, 3' end /clone=IMAG
- 5** 36043_at Cluster Incl. AF070577:Homo sapiens clone 24461 mRNA sequence /cds=UNKN
- 39530_at Cluster Incl. L35240:Human enigma gene, complete cds /cds=(0,1367) /gb=
- 40926_at Cluster Incl. U36341:Human Xq28 cosmid, creatine transporter (SLC6A8) g
- 32522_f_at Cluster Incl. M20469:Human brain-type clathrin light-chain b mRNA, co
- 33141_at Cluster Incl. M84472:Human 17-beta-hydroxysteroid dehydrogenase (EDH17B
- 10** 1746_s_at Tumor Necrosis Factor Receptor 2 Associated Protein Trap3
- 1587_at M38258 /FEATURE= /DEFINITION=HUMRARGA Human retinoic acid receptor gamma
- 406_at X53587 /FEATURE=mRNA /DEFINITION=HSINTB4R Human mRNA for integrin beta 4
- 355_s_at D38037 /FEATURE= /DEFINITION=HUMOTK4 Human mRNA for FK506-
binding prote
- 15**
- METAGENE 363 :
- 34541_at Cluster Incl. L02867:Homo sapiens 62 kDa paraneoplastic antigen mRNA, 3
- 33714_at Cluster Incl. Y10043:Homo sapiens mRNA for high mobility group protein
- 20** 39002_at Cluster Incl. AJ010063:Homo sapiens telethonin gene /cds=(10,513) /gb=A
- 33370_r_at Cluster Incl. U60205:Human methyl sterol oxidase (ERG25) mRNA, comple
- 40592_at Cluster Incl. L13329:Homo sapiens iduronate-2-sulfatase (IDS) gene /cds
- 1901_s_at M12036 /FEATURE=cds /DEFINITION=HUMHER2B Human tyrosine kinase-
type re
- 25** 881_at M35198 /FEATURE= /DEFINITION=HUMINTB6A Human integrin B-6 mRNA,
complete
- METAGENE 364 :
- 30** 32314_g_at Cluster Incl. M12125:Human fibroblast muscle-type tropomyosin mRNA, c
- 41388_at Cluster Incl. AF017418:Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA
- 41478_at Cluster Incl. AL033538:Human DNA sequence from clone 477H23 on chromoso
- 33222_at Cluster Incl. AB017365:Homo sapiens mRNA for frizzled-7, complete cds /
- 33240_at Cluster Incl. AB029018:Homo sapiens mRNA for KIAA1095 protein, partial
- 35** 34203_at Cluster Incl. D17408:Homo sapiens mRNA for calponin, complete cds /cds=
- 34265_at Cluster Incl. Y00757:Human mRNA for polypeptide 7B2 /cds=(28,663) /gb=Y
- 35698_at Cluster Incl. Y00318:Human mRNA for complement control protein factor I
- 35703_at Cluster Incl. X06374:Human mRNA for platelet-derived growth factor PDGF
- 36061_at Cluster Incl. AF009314:Homo sapiens clone TUA8 Cri-du-chat region mRNA

- 36073_at Cluster Incl. U35139:Human NECDIN related protein mRNA, complete cds /c
 36890_at Cluster Incl. AF001691:Homo sapiens 195 kDa cornified envelope precursor
 37929_at Cluster Incl. AB017563:Homo sapiens IGSF4 gene /cds=(0,1328) /gb=AB0175
 37951_at Cluster Incl. AF035119:Homo sapiens deleted in liver cancer-1 (DLC-1) m
5 32206_at Cluster Incl. AB007920:Homo sapiens mRNA for KIAA0451 protein, complete
 32755_at Cluster Incl. X13839:Human mRNA for vascular smooth muscle alpha-actin
 36577_at Cluster Incl. Z24725:H.sapiens mitogen inducible gene mig-2, complete C
 39528_at Cluster Incl. L24564:Human Rad mRNA, complete cds /cds=(123,1049) /gb=L
 40230_at Cluster Incl. U91903:Human Fritz mRNA, complete cds /cds=(69,1046) /gb=
10 41273_at Cluster Incl. AL046940:DKFZp586I0517_r1 Homo sapiens cDNA, 5' end /clon

METAGENE 365 :

- 31593_at Cluster Incl. Z70200:H.sapiens gene for U5 snRNP-specific 200kD protein
15 31597_r_at Cluster Incl. L36055:Human 4E-binding protein 1 mRNA, complete cds /c
 33642_s_at Cluster Incl. U17986:Human GABA/noradrenaline transporter mRNA, compl
 34016_s_at Cluster Incl. X78338:Synthetic adenovirus transformed human retina ce
 35438_at Cluster Incl. X87852:H.sapiens mRNA for SEX gene /cds=(184,5799) /gb=X8
 38200_at Cluster Incl. U11690:Human faciogenital dysplasia (FGD1) mRNA, complete
20 39235_at Cluster Incl. AC003038:Human DNA from chromosome 19-specific cosmid R30
 35243_at Cluster Incl. AA535884:nf90d04.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 37965_at Cluster Incl. AA181053:zp66g11.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 40465_at Cluster Incl. AF026402:Homo sapiens U5 snRNP 100 kD protein mRNA, compl
 36987_at Cluster Incl. M94362:Human lamin B2 (LAMB2) mRNA, partial cds /cds=(0,1
25 37719_at Cluster Incl. AF070539:Homo sapiens clone 24433 myelodysplasia/myeloid
 32543_at Cluster Incl. M84739:Human autoantigen calreticulin mRNA, complete cds
 32559_s_at Cluster Incl. AJ238096:Homo sapiens mRNA for Lsm4 protein /cds=(23,44
 1979_s_at X55504 /FEATURE=cds /DEFINITION=HSP120A H.sapiens mRNA for P120
 antige
30 1775_at L24559 /FEATURE= /DEFINITION=HUMDNSPOLA Homo sapiens DNA polymerase
 alph
 1781_at M25269 /FEATURE= /DEFINITION=HUMELK1A Homo sapiens tyrosine kinase (ELK1
 1752_at AD000092 /FEATURE=cds#6 /DEFINITION=CH19HHR23 Homo sapiens DNA from chro
 1462_s_at M80397 /FEATURE= /DEFINITION=HUMDNAPOLC Human DNA polymerase
35 delta cat
 1224_at X66363 /FEATURE=cds /DEFINITION=HSSTHPKD H.sapiens mRNA PCTAIRE-1 for se
 1225_g_at X66363 /FEATURE=cds /DEFINITION=HSSTHPKD H.sapiens mRNA
 PCTAIRE-1 for
 1100_at L76191 /FEATURE=mRNA /DEFINITION=HUMI1R Homo sapiens interleukin-1 recep

410_s_at X57152 /FEATURE=mRNA#1 /DEFINITION=HCKIIBE Human gene for casein
kinas

METAGENE 366 :

5

31527_at Cluster Incl. X17206:Human mRNA for LLRep3 /cds=(240,905) /gb=X17206 /g
31731_at Cluster Incl. AF013956:Homo sapiens Polycomb 2 homolog (hPc2) mRNA, com
39281_at Cluster Incl. AB002378:Human mRNA for KIAA0380 gene, complete cds /cds=
33781_s_at Cluster Incl. AF075599:Homo sapiens ubiquitin conjugating enzyme 12 (

10

35155_at Cluster Incl. AC005306:Homo sapiens chromosome 19, cosmid R27216 /cds=(
36554_at Cluster Incl. Y15521:Homo sapiens ASMTL gene /cds=(0,1889) /gb=Y15521 /
37911_at Cluster Incl. U07158:Human syntaxin mRNA, complete cds /cds=(66,959) /g
40439_at Cluster Incl. AF047469:Homo sapiens arsenite translocating ATPase (ASNA
40815_g_at Cluster Incl. L40586:Homo sapiens iduronate-2-sulphatase (IDS) mRNA,

15

35798_at Cluster Incl. W25936:15b5 Homo sapiens cDNA /gb=W25936 /gi=1306059 /ug=
36180_s_at Cluster Incl. X75346:H.sapiens mRNA for MAP kinase activated protein
36653_g_at Cluster Incl. J03824:Human uroporphyrinogen III synthase mRNA, comple
37048_at Cluster Incl. U58970:Human putative outer mitochondrial membrane 34 kDa
37690_at Cluster Incl. U61263:Human acetolactate synthase homolog mRNA, complete

20

38372_at Cluster Incl. U66042:Human clone 191B7 placenta expressed mRNA from chr
38373_g_at Cluster Incl. U66042:Human clone 191B7 placenta expressed mRNA from c
40280_at Cluster Incl. U72508:Human B7 mRNA, complete cds /cds=(112,1050) /gb=U7
41308_at Cluster Incl. U37408:Homo sapiens phosphoprotein CtBP mRNA, complete cd
2016_s_at M64241 /FEATURE= /DEFINITION=HUMQM Human Wilm s tumor-related

25

protein
1926_at U48801 /FEATURE= /DEFINITION=HSU48801 Human vascular endothelial growth
1836_at D50310 /FEATURE= /DEFINITION=HUMCYI Human mRNA for cyclin I, complete cd
1764_s_at D85131 /FEATURE= /DEFINITION=D85131 Homo sapiens mRNA for Myc-
associat

30

1158_s_at J04046 /FEATURE=mRNA /DEFINITION=HUMCAMA Human calmodulin
mRNA, comple
922_at J02902 /FEATURE=mRNA /DEFINITION=HUMP2A Human protein phosphatase 2A regu
838_s_at U45328 /FEATURE= /DEFINITION=HSU45328 Human ubiquitin-conjugating
enzym

35

605_at L78833 /FEATURE=exon#36 /DEFINITION=HUMBRCA1 Human BRCA1, Rho7 and
vatl g
434_at X03473 /FEATURE=cds /DEFINITION=HSHIS10G Human gene for histone H1(0)
392_g_at X89416 /FEATURE=cds /DEFINITION=HSRNAPPP5 H.sapiens mRNA for
protein ph

318_at D64142 /FEATURE=mRNA /DEFINITION=D64142 Human mRNA for histone H1x, compl

146_at U81802 /FEATURE= /DEFINITION=HSU81802 Human PtdIns 4-kinase (PI4Kb) mRNA,

5 METAGENE 367 :

36782_s_at Cluster Incl. J03242:Human insulin-like growth factor II mRNA, complet

38374_at Cluster Incl. AF050110:Homo sapiens TGFb inducible early protein and ea

33102_at Cluster Incl. D67031:Homo sapiens ADDL mRNA for adducin-like protein, c

10 33103_s_at Cluster Incl. U37122:Human adducin gamma subunit mRNA, complete cds /

1319_at X74764 /FEATURE=cds /DEFINITION=HSRPTK H.sapiens mRNA for receptor prote

224_at S81439 /FEATURE= /DEFINITION=S81439 EGR alpha=early growth response gene

METAGENE 368 :

15

31688_at Cluster Incl. AF005080:Homo sapiens skin-specific protein (xp5) mRNA, c

35094_f_at Cluster Incl. AF025527:Homo sapiens leucocyte immunoglobulin-like rec

34438_at Cluster Incl. U71364:Human serine proteinase inhibitor (P19) mRNA, comp

37070_at Cluster Incl. D14720:Homo sapiens gene for peripheral myelin protein ze

20 33744_at Cluster Incl. AL080150:Homo sapiens mRNA; cDNA DKFZp434D174 (from clone

37922_at Cluster Incl. L02648:Homo sapiens (clone V6) transcobalamin II (TCN2) m

36148_at Cluster Incl. U48437:Human amyloid precursor-like protein 1 mRNA, compl

40257_at Cluster Incl. AI400011:tg85a05.x1 Homo sapiens cDNA, 3 end /clone=IMAG

25

METAGENE 369 :

31364_i_at Cluster Incl. W27762:37c6 Homo sapiens cDNA /gb=W27762 /gi=1307710 /u

33943_at Cluster Incl. L20941:Human ferritin heavy chain mRNA, complete cds /cds

30 33237_at Cluster Incl. AB018344:Homo sapiens mRNA for KIAA0801 protein, complete

36507_at Cluster Incl. D30612:Homo sapiens mRNA for repressor protein, partial c

37961_at Cluster Incl. U90907:Human clone 23907 mRNA sequence /cds=UNKNOWN /gb=U

38712_at Cluster Incl. AL035291:H.sapiens gene from PACs 125H23 and 105D12 /cds=

35 38969_at Cluster Incl. AI828168:wk32h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG

35833_at Cluster Incl. AL080184:Homo sapiens mRNA; cDNA DKFZp434O071 (from clone

38381_at Cluster Incl. U32315:Human syntaxin 3 mRNA, complete cds /cds=(38,907)

41296_s_at Cluster Incl. W27761:37c5 Homo sapiens cDNA /gb=W27761 /gi=1307709 /u

1904_at D50692 /FEATURE= /DEFINITION=HUMAMY1 Homo sapiens mRNA for c-myc binding

160033_s_at NM_006297 /FEATURE=mRNA /DEFINITION=Homo sapiens X-ray repair comple

5

METAGENE 370 :

- 31508_at Cluster Incl. S73591:brain-expressed HHCPA78 homolog [human, HL-60 acute
37416_at Cluster Incl. Z35227:H.sapiens TTF mRNA for small G protein /cds=(579,1
10 39297_at Cluster Incl. U38810:Human mab-21 cell fate-determining protein homolog
36867_at Cluster Incl. W03846:za60a02.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
38717_at Cluster Incl. AL050159:Homo sapiens mRNA; cDNA DKFZp586A0522 (from
clon
38968_at Cluster Incl. AB005047:Homo sapiens mRNA for SH3 binding protein, compl
15 40775_at Cluster Incl. AL021786:Human DNA sequence from PAC 696H22 on chromosome
32778_at Cluster Incl. D26070:Human mRNA for type 1 inositol 1,4,5-trisphosphate
32779_s_at Cluster Incl. U23850:Human inositol 1,4,5 trisphosphate receptor type
34363_at Cluster Incl. Z11793:H.sapiens mRNA for selenoprotein P /cds=(36,1181)
34877_at Cluster Incl. AL039831:DKFZp434D1112_s1 Homo sapiens cDNA, 3 end /clon
20 38737_at Cluster Incl. X57025:Human IGF-I mRNA for insulin-like growth factor I
1975_s_at X03563 /FEATURE=cds /DEFINITION=HSIGF1G1 Human gene for insulin-like
g
1625_at Insulin-Like Growth Factor Ib
1527_s_at U50527 /FEATURE= /DEFINITION=HSU50527 Human BRCA2 region, mRNA
25 sequenc
1501_at X57025 /FEATURE=mRNA /DEFINITION=HSIGFACI Human IGF-I mRNA for insulin-l
755_at D26070 /FEATURE=mRNA /DEFINITION=HUMINSP3R1 Human mRNA for type 1
inosito

30 METAGENE 371 :

- 35113_at Cluster Incl. X98332:H.sapiens mRNA for organic cation transporter, liv
35457_at Cluster Incl. U20325:Human cocaine and amphetamine regulated transcript
37444_at Cluster Incl. AF028827:Homo sapiens Tax interaction protein 40 mRNA, pa
35 36823_at Cluster Incl. AF055026:Homo sapiens clone 24444 RaP2 interacting protei
1514_g_at Antigen, Prostate Specific, Alt. Splice Form 3

METAGENE 372 :

	32441_at	Cluster Incl. X52142:Human mRNA for CTP synthetase (EC 6.3.4.2) /cds=(7
	36720_at	Cluster Incl. AA873266:oh68e03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	37432_g_at	Cluster Incl. AF077953:Homo sapiens protein inhibitor of activated ST
	39219_at	Cluster Incl. U20240:Human C/EBP gamma mRNA, complete cds /cds=(250,702
5	41057_at	Cluster Incl. AI760162:wg58e09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41450_at	Cluster Incl. AI553878:tn30a05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41451_s_at	Cluster Incl. W28498:50e2 Homo sapiens cDNA /gb=W28498 /gi=1308653 /u
	31863_at	Cluster Incl. D80001:Human mRNA for KIAA0179 gene, partial cds /cds=(0,
	32069_at	Cluster Incl. AB014515:Homo sapiens mRNA for KIAA0615 protein, complete
10	33241_at	Cluster Incl. AB014526:Homo sapiens mRNA for KIAA0626 protein, complete
	33815_at	Cluster Incl. J03626:Human UMP synthase mRNA, complete cds
		/cds=UNKNOWN
	36046_at	Cluster Incl. AL050144:Homo sapiens mRNA; cDNA DKFZp586C1620 (from
		clon
15	36088_at	Cluster Incl. AJ006291:Homo sapiens mRNA for leucine rich protein /cds=
	36857_at	Cluster Incl. AF084513:Homo sapiens DNA repair exonuclease (REC1) mRNA,
	37907_at	Cluster Incl. M34677:Human nested gene protein gene, complete cds /cds=
	38328_at	Cluster Incl. H10201:ym02c07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	38967_at	Cluster Incl. AF054175:Homo sapiens mitochondrial proteolipid 68MP homo
20	39748_at	Cluster Incl. AL050021:Homo sapiens mRNA; cDNA DKFZp564D016 (from
		clone
	39791_at	Cluster Incl. M23114:Homo sapiens calcium-ATPase (HK1) mRNA, complete c
	40459_at	Cluster Incl. S69189:peroxisomal acyl-coenzyme A oxidase [human, liver,
	40490_at	Cluster Incl. U41387:Human Gu protein mRNA, partial cds /cds=(0,2405) /
25	41128_at	Cluster Incl. AF070537:Homo sapiens clone 24606 mRNA sequence /cds=UNKN
	41733_at	Cluster Incl. AC003007:Human Chromosome 16 BAC clone CIT987SK-A-61E3 /c
	41756_at	Cluster Incl. AJ010842:Homo sapiens mRNA for putative ATP(GTP)-binding
	35274_at	Cluster Incl. Y12226:H.sapiens mRNA for gamma-adaptin /cds=(28,2505) /g
	35750_at	Cluster Incl. AL049948:Homo sapiens mRNA; cDNA DKFZp564K0222 (from
30	clon	
	36190_at	Cluster Incl. M63256:Human major Yo paraneoplastic antigen (CDR2) mRNA,
	36610_at	Cluster Incl. D21852:Human mRNA for KIAA0029 gene, partial cds /cds=(38
	36932_at	Cluster Incl. D13636:Human mRNA for KIAA0011 gene, complete cds /cds=(3
	37293_at	Cluster Incl. D43948:Human mRNA for KIAA0097 gene, complete cds /cds=(4
35	37683_at	Cluster Incl. D80012:Human mRNA for KIAA0190 gene, partial cds /cds=(0,
	37726_at	Cluster Incl. X06323:Human MRL3 mRNA for ribosomal protein L3 homologue
	37737_at	Cluster Incl. D25547:Homo sapiens mRNA for PIMT isozyme I, complete cds
	38036_at	Cluster Incl. L35035:Homo sapiens ribose 5-phosphate isomerase (RPI) mR
	38097_at	Cluster Incl. AF010313:Homo sapiens Pig8 (PIG8) mRNA, complete cds /cds

- 38473_at Cluster Incl. M63180:Human threonyl-tRNA synthetase mRNA, complete cds
 40167_s_at Cluster Incl. AF038187:Homo sapiens clone 23714 mRNA sequence /cds=UN
 40537_at Cluster Incl. AB018284:Homo sapiens mRNA for KIAA0741 protein, complete
 40613_at Cluster Incl. AL031775:dJ30M3.2 (novel protein) /cds=(0,260) /gb=AL0317
5 40982_at Cluster Incl. AA926957:om68h06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 32572_at Cluster Incl. X98296:H.sapiens mRNA for ubiquitin hydrolase /cds=(59,77
 32595_at Cluster Incl. U07231:Homo sapiens G-rich sequence factor-1 (GRSF-1) mRN
 33121_g_at Cluster Incl. AF045229:Homo sapiens regulator of G protein signaling
 1450_g_at D00763 /FEATURE= /DEFINITION=HUMPSC9 Human mRNA for proteasome
10 subunit

METAGENE 373 :

- 34443_at Cluster Incl. R61362:yh15c05.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
15 39641_at Cluster Incl. X52486:Human mRNA for uracil-DNA glycosylase /cds=(79,105
 40710_at Cluster Incl. D86322:Homo sapiens mRNA for calmeglin, complete cds /cds=
 41648_at Cluster Incl. X78706:H.sapiens mRNA for carnitine acetyltransferase /cd
 36876_at Cluster Incl. M55150:Human fumarylacetoacetate hydrolase mRNA, complete

20 METAGENE 374 :

- 40649_at Cluster Incl. X64810:H.sapiens encoding PC1/PC3 /cds=(189,2450) /gb=X64
 40746_at Cluster Incl. L20814:Human glutamate receptor 2 (HBGR2) mRNA, complete
 40764_at Cluster Incl. M22632:Human mitochondrial aspartate aminotransferase mRN
25 1554_f_at U22028 /FEATURE=expanded_cds /DEFINITION=HSU22028 Human
 cytochrome P45
 1555_f_at U22029 /FEATURE= /DEFINITION=HSU22029 Human cytochrome P450
 (CYP2A7) m
 1492_f_at M33317 /FEATURE=mRNA /DEFINITION=HUMCYIA4A Human cytochrome
30 P450IIA4
 1494_f_at M33318 /FEATURE=mRNA /DEFINITION=HUMCPIIA3A Human cytochrome
 P450IIA3
 1371_s_at M29874 /FEATURE= /DEFINITION=HUMCYP2BB Human cytochrome P450-
 IIB (hIIB)
35 1338_s_at X13930 /FEATURE=cds /DEFINITION=HSCYP2A4 Human CYP2A4 mRNA for
 P-450 I

METAGENE 375 :

36941_at Cluster Incl. U16954:Human (AF1q) mRNA, complete cds /cds=(355,627) /gb
 566_at M79462 /FEATURE= /DEFINITION=HUMPML1 Human PML-1 mRNA, complete CDS

METAGENE 376 :

5

33648_at Cluster Incl. W28800:52g12 Homo sapiens cDNA /gb=W28800 /gi=1308811 /ug
 38157_at Cluster Incl. AF059252:Homo sapiens clone 1 HLA class III protein Dom3z
 37216_at Cluster Incl. AB023180:Homo sapiens mRNA for KIAA0963 protein, complete
 38257_at Cluster Incl. AF038406:Homo sapiens NADH dehydrogenase-ubiquinone Fe-S
 10 40421_at Cluster Incl. U49070:Human peptidyl-prolyl isomerase and essential mito
 36116_at Cluster Incl. AJ000414:Homo sapiens mRNA for Cdc42-interacting protein
 39532_at Cluster Incl. L36463:Homo sapiens ras interactor (RIN1) mRNA, complete
 40232_at Cluster Incl. U75370:Human mitochondrial RNA polymerase mRNA, nuclear g
 1778_g_at L36463 /FEATURE= /DEFINITION=HUMA Homo sapiens ras interactor (RIN1)

15

m
 1242_at U15655 /FEATURE= /DEFINITION=HSU15655 Human ets domain protein ERF mRNA,

METAGENE 377 :

20

33993_at Cluster Incl. M22919:Human nonmuscle/smooth muscle alkali myosin light
 34433_at Cluster Incl. AF035299:Homo sapiens clone 23863 mRNA, partial cds /cds=
 35401_s_at Cluster Incl. AB021225:Homo sapiens mRNA for membrane-type-4 matrix m
 40325_at Cluster Incl. AB014460:Homo sapiens TSC2, NTHL1/NTH1 and
 SLC9A3R2/E3KAR

25

41113_at Cluster Incl. AI871396:wl81f07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41641_at Cluster Incl. AJ223603:Homo sapiens mRNA encoding rat C4.4-like protein
 35727_at Cluster Incl. AI249721:qj64d06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 38313_at Cluster Incl. AB028985:Homo sapiens mRNA for KIAA1062 protein, partial
 38348_at Cluster Incl. X95190:H.sapiens mRNA for Branched chain Acyl-CoA Oxidase

30

40120_at Cluster Incl. X90999:H.sapiens mRNA for Glyoxalase II /cds=(36,818) /gb
 40127_at Cluster Incl. M95929:Human homeobox protein (PHOX1) mRNA, 3 end /cds=(
 40825_at Cluster Incl. AB025186:Homo sapiens mRNA for EB3 protein, complete cds
 34345_at Cluster Incl. AF026031:Homo sapiens putative mitochondrial outer membra
 35742_at Cluster Incl. U95740:Human Chromosome 16 BAC clone CIT987SK-A-362G6 /cd

35

36126_at Cluster Incl. U18919:Human chromosome 17q12-21 mRNA, clone pOV-2, parti
 36127_g_at Cluster Incl. U18919:Human chromosome 17q12-21 mRNA, clone pOV-2, par
 37369_s_at Cluster Incl. L41066:Homo sapiens NF-AT3 mRNA, complete cds /cds=(141
 37370_i_at Cluster Incl. L41066:Homo sapiens NF-AT3 mRNA, complete cds /cds=(141
 38397_at Cluster Incl. U09196:Human 1.1 kb mRNA upregulated in retinoic acid tre

- 38423_at Cluster Incl. L38935:Homo sapiens GT212 mRNA /cds=UNKNOWN /gb=L38935 /g
- 40193_at Cluster Incl. X51956:Human ENO2 gene for neuron specific (gamma) enolas
- 1087_at M60459 /FEATURE= /DEFINITION=HUMERYTH Human erythropoietin receptor mRNA
- 5 745_at D50495 /FEATURE=mRNA /DEFINITION=HUMTEF Homo sapiens mRNA for transcripti
- 249_at L41066 /FEATURE= /DEFINITION=HUMNFAT3A Homo sapiens NF-AT3 mRNA, complete
- 141_s_at U75276 /FEATURE= /DEFINITION=HSU75276 Human TFIIB related factor
- 10 hBRF (
- METAGENE 378 :
- 31609_s_at Cluster Incl. L33799:Human procollagen C-proteinase enhancer protein
- 15 36799_at Cluster Incl. L37882:Human frizzled gene product mRNA, complete cds /cd
- 37147_at Cluster Incl. AF020044:Homo sapiens lymphocyte secreted C-type lectin p
- 39640_at Cluster Incl. AB016789:Homo sapiens mRNA for Glutamine-fructose-6-phosp
- 32138_at Cluster Incl. L07807:Human dynamin mRNA, alternative exons and complete
- 36811_at Cluster Incl. U24389:Human lysyl oxidase-like protein gene /cds=(446,21
- 20 36861_at Cluster Incl. AL049946:Homo sapiens mRNA; cDNA DKFZp564I1922 (from clon
- 37248_at Cluster Incl. U83411:Homo sapiens carboxypeptidase Z precursor, mRNA, c
- 37573_at Cluster Incl. AF007150:Homo sapiens clone 23767 and 23782 mRNA sequence
- 38338_at Cluster Incl. AI201108:qf69g07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 38636_at Cluster Incl. AB003184:Homo sapiens mRNA for ISLR, complete cds /cds=(9
- 25 38722_at Cluster Incl. X15880:Human mRNA for collagen VI alpha-1 C-terminal glob
- 39069_at Cluster Incl. AF053944:Homo sapiens aortic carboxypeptidase-like protei
- 39327_at Cluster Incl. D86983:Human mRNA for KIAA0230 gene, partial cds /cds=(0,
- 39407_at Cluster Incl. M22488:Human bone morphogenetic protein 1 (BMP-1) mRNA /c
- 39710_at Cluster Incl. U30521:Human P311 HUM (3.1) mRNA, complete cds /cds=(202,
- 30 39753_at Cluster Incl. X06256:Human mRNA for integrin alpha 5 subunit /cds=(23,3
- 40161_at Cluster Incl. L32137:Human germline oligomeric matrix protein (COMP) mR
- 40162_s_at Cluster Incl. AC003107:Human DNA from chromosome 19-specific cosmid R
- 40848_g_at Cluster Incl. AB018293:Homo sapiens mRNA for KIAA0750 protein, comple
- 41138_at Cluster Incl. M16279:Human MIC2 mRNA, complete cds /cds=(177,734) /gb=M
- 35 32783_at Cluster Incl. X82494:H.sapiens mRNA for fibulin-2 /cds=(69,3623) /gb=X8
- 33412_at Cluster Incl. AI535946:vicpro2.D07.r Homo sapiens cDNA, 5 end /clone_e
- 33910_at Cluster Incl. AL049338:Homo sapiens mRNA; cDNA DKFZp564P116 (from clone
- 33919_at Cluster Incl. AF022813:Homo sapiens tetraspan (NAG-2) mRNA, complete cd

- 34802_at Cluster Incl. X15882:Human mRNA for collagen VI alpha-2 C-terminal glob
 35347_at Cluster Incl. AF093119:Homo sapiens UPH1 (UPH1) mRNA, complete cds /cds
 35740_at Cluster Incl. AL050138:Homo sapiens mRNA; cDNA DKFZp586M121 (from
 clone
5 36149_at Cluster Incl. D78014:Homo sapiens mRNA for dihydropyrimidinase related
 36993_at Cluster Incl. M33210:Human colony stimulating factor 1 receptor (CSF1R)
 37005_at Cluster Incl. D28124:Human mRNA for unknown product, complete cds /cds=
 37032_at Cluster Incl. U08021:Human nicotinamide N-methyltransferase (NNMT) mRNA
 37408_at Cluster Incl. AB014609:Homo sapiens mRNA for KIAA0709 protein, complete
10 38126_at Cluster Incl. J04599:Human hPGI mRNA encoding bone small proteoglycan I
 38442_at Cluster Incl. U19718:Human microfibril-associated glycoprotein (MFAP2)
 38775_at Cluster Incl. X13916:Human mRNA for LDL-receptor related protein /cds=(
 39542_at Cluster Incl. AF059611:Homo sapiens nuclear matrix protein NRP/B (NRPB)
 2088_s_at D31661 /FEATURE= /DEFINITION=HUMERKA Human mRNA for tyrosine
15 kinase, c
 1771_s_at J03278 /FEATURE= /DEFINITION=HUMPDGFRA Human platelet-derived
 growth f
 1233_s_at M76125 /FEATURE= /DEFINITION=HUMTYRKINR Human tyrosine kinase
 receptor
20 628_at L37882 /FEATURE= /DEFINITION=HUMFRIZ Human frizzled gene product mRNA, co
 212_at M97639 /FEATURE= /DEFINITION=HUMROR2A Human transmembrane receptor (ror2)
 METAGENE 379 :
25 32880_at Cluster Incl. AW015055:UI-H-BI0-aal-c-01-0-UI.s1 Homo sapiens cDNA, 3
 METAGENE 380 :
 32480_at Cluster Incl. X07495:Human mRNA for cp19 homeobox from HOX-3 locus /cds
30 39294_at Cluster Incl. X16155:Human mRNA for chicken ovalbumin upstream promoter
 37552_at Cluster Incl. U33632:Human two P-domain K⁺ channel TWIK-1 mRNA, complet
 36202_at Cluster Incl. S76965:protein kinase inhibitor [human, neuroblastoma cel
 1368_at M27492 /FEATURE= /DEFINITION=HUMIL1RA Human interleukin 1 receptor mRNA,
 1147_at V-Erba Related Ear-3 Protein
35 METAGENE 381 :
 31575_f_at Cluster Incl. M14087:Human HL14 gene encoding beta-galactoside-bindin

- 36743_at Cluster Incl. AL096739:Homo sapiens mRNA; cDNA DKFZp586H0623 (from
clon
- 34371_at Cluster Incl. U79267:Human clone 23840 mRNA, partial cds /cds=(0,521) /
- 38428_at Cluster Incl. M13509:Human skin collagenase mRNA, complete cds /cds=(68
- 5 483_g_at U59289 /FEATURE= /DEFINITION=HSU59289 Human H-cadherin mRNA,
complete c

METAGENE 382 :

- 10 39268_at Cluster Incl. AF033382:Homo sapiens potassium channel mRNA, complete cd
- 40677_at Cluster Incl. AF054984:Homo sapiens clone 23709 mRNA sequence /cds=UNKN
- 41440_at Cluster Incl. D82061:Homo sapiens mRNA for a member of the short-chain
- 41475_at Cluster Incl. U91512:Human adhesion molecule ninjurin mRNA, complete cd
- 33783_at Cluster Incl. AB007867:Homo sapiens KIAA0407 mRNA, complete cds /cds=(2
- 15 34656_at Cluster Incl. X82895:H.sapiens mRNA for DLG2 /cds=(87,1817) /gb=X82895
- 35704_at Cluster Incl. X92814:H.sapiens mRNA for rat HREV107-like protein /cds=(
- 37602_at Cluster Incl. Z49878:H.sapiens mRNA for guanidinoacetate N-methyltransf
- 37982_at Cluster Incl. Z25821:H.sapiens gene for mitochondrial dodecenoyl-CoA de
- 39363_at Cluster Incl. AF042384:Homo sapiens BC-2 protein mRNA, complete cds /cd
- 20 40093_at Cluster Incl. X83425:H.sapiens LU gene for Lutheran blood group glycopr
- 40497_at Cluster Incl. AF040707:Homo sapiens candidate tumor suppressor gene 21
- 32156_at Cluster Incl. AF044968:untitled /cds=(0,1351) /gb=AF044968 /gi=3941380
- 35781_g_at Cluster Incl. AF035292:Homo sapiens clone 23584 mRNA sequence /cds=UN
- 40899_at Cluster Incl. Y00503:Human mRNA for keratin 19 /cds=(32,1234) /gb=Y0050
- 25 41349_at Cluster Incl. L43964:Homo sapiens (clone F-T03796) STM-2 mRNA, complete
- 33118_at Cluster Incl. U73167:Homo sapiens cosmid clone LUCA14 from 3p21.3 /cds=
- 33155_at Cluster Incl. M95740:Human alpha-L-iduronidase gene /cds=(0,1961) /gb=M
- 1337_s_at X06614 /FEATURE=cds /DEFINITION=HSRRA Human mRNA for receptor of
retin
- 30 885_g_at M59911 /FEATURE= /DEFINITION=HUMINTA3A Human integrin alpha-3
chain mRN
- 387_at X80230 /FEATURE=mRNA /DEFINITION=HSSTPKC2K H.sapiens mRNA (clone C-2k)
mR
- 342_at D12485 /FEATURE= /DEFINITION=HUMNPP Human mRNA for nucleotide
- 35 pyrophospha
- 197_at U29656 /FEATURE= /DEFINITION=HSU29656 Human DR-nm23 mRNA, complete cds
- 198_g_at U29656 /FEATURE= /DEFINITION=HSU29656 Human DR-nm23 mRNA,
complete cds

METAGENE 383 :

31891_at Cluster Incl. U58515:Human chitinase (HUMTCHIT) mRNA, exon 1b form, par
 38278_at Cluster Incl. M62324:Human modulator recognition factor I (MRF-1) mRNA,

5

METAGENE 384 :

38353_at Cluster Incl. AF042378:Homo sapiens spindle pole body protein spc98 hom
 32821_at Cluster Incl. AI762213:wi54d04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 10 35780_at Cluster Incl. AF035292:Homo sapiens clone 23584 mRNA sequence /cds=UNKN

METAGENE 385 :

36238_at Cluster Incl. Y11284:Homo sapiens AFX1 gene, exon 1 (and joined CDS) /c
 15 33325_at Cluster Incl. W26667:11a1 Homo sapiens cDNA /gb=W26667 /gi=1305733 /ug=
 35266_at Cluster Incl. AL049288:Homo sapiens mRNA; cDNA DKFZp564M053 (from
 clone
 35824_at Cluster Incl. AJ223321:Homo sapiens RP58 gene, complete CDS /cds=(523,2
 38104_at Cluster Incl. U78302:Human 2,4-dienoyl-CoA reductase gene /cds=(73,1080

20

METAGENE 386 :

38237_at Cluster Incl. M64099:Human gamma-glutmyl transpeptidase-related protein
 35219_at Cluster Incl. AL050202:Homo sapiens mRNA; cDNA DKFZp586E2023 (from
 25 clon
 39395_at Cluster Incl. AA704137:ag47g01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 39700_at Cluster Incl. AI961929:wt39g02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1563_s_at M58286 /FEATURE= /DEFINITION=HUMTNFRB Homo sapiens tumor necrosis
 fact
 30 160020_at Z48481 /FEATURE=cds /DEFINITION=HSMMPM1 H.sapiens mRNA for
 membrane-ty

METAGENE 387 :

35 31510_s_at Cluster Incl. Z48950:H.sapiens hH3.3B gene for histone H3.3 /cds=(10,
 34647_at Cluster Incl. X52104:Human mRNA for p68 protein /cds=(175,2019) /gb=X52
 36427_at Cluster Incl. W27129:22g8 Homo sapiens cDNA /gb=W27129 /gi=1306663 /ug=
 37107_at Cluster Incl. U78305:Homo sapiens protein phosphatase Wip1 mRNA, comple
 38171_at Cluster Incl. U94747:Human WD repeat protein HAN11 mRNA, complete cds /

- 40724_at Cluster Incl. Y14443:Homo sapiens mRNA for zinc finger protein /cds=(33
 41625_at Cluster Incl. AB011165:Homo sapiens mRNA for KIAA0593 protein, partial
 35618_at Cluster Incl. D29677:Human mRNA for KIAA0054 gene, complete cds /cds=(1
 41159_at Cluster Incl. D21260:Human mRNA for KIAA0034 gene, complete cds /cds=(1
5 41768_at Cluster Incl. M33336:Human cAMP-dependent protein kinase type I-alpha s
 34397_at Cluster Incl. AF069250:Homo sapiens okadaic acid-inducible phosphoprote
 34885_at Cluster Incl. AJ002308:Homo sapiens mRNA for synaptogyrin 2 /cds=(29,70
 40229_at Cluster Incl. AJ010071:Homo sapiens for TOM1-like protein /cds=(30,1460
 40631_at Cluster Incl. D38305:Human mRNA for Tob, complete cds /cds=(43,1080) /g
10 2037_s_at M60725 /FEATURE= /DEFINITION=HUMP70S6KB Human p70 ribosomal S6
 kinase
 1192_at AB003103 /FEATURE= /DEFINITION=AB003103 Homo sapiens mRNA for 26S protea
- METAGENE 388 :
- 15**
- 33988_at Cluster Incl. X75861:H.sapiens TEGT gene /cds=(40,753) /gb=X75861 /gi=4
 35450_s_at Cluster Incl. AF015553:Homo sapiens TFII-I protein (TFII-I) mRNA, com
 31898_at Cluster Incl. D86967:Human mRNA for KIAA0212 gene, complete cds /cds=(5
 34718_at Cluster Incl. X04434:Human mRNA for insulin-like growth factor I recept
20 38984_at Cluster Incl. AB007896:Homo sapiens KIAA0436 mRNA, partial cds /cds=(0,
 39364_s_at Cluster Incl. Y18207:Homo sapiens mRNA for protein phosphatase 1 (PPP
 40411_at Cluster Incl. D80003:Human mRNA for KIAA0181 gene, partial cds /cds=(0,
 41127_at Cluster Incl. L14595:Human alanine/serine/cysteine/threonine transporte
 32741_at Cluster Incl. X77723:H.sapiens mRNA for unknown protein of uterine endo
25 36211_at Cluster Incl. D87461:Human mRNA for KIAA0271 gene, complete cds /cds=(1
 41543_at Cluster Incl. U34360:Human lymphoid nuclear protein (LAF-4) mRNA, compl
 2018_at M65188 /FEATURE= /DEFINITION=HUMCX43 Human connexin 43 (GJA1, Cx43)
 mRNA
 1893_s_at Estrogen Receptor
30 1681_at X03635 /FEATURE=cds /DEFINITION=HSERR Human mRNA for oestrogen receptor
 1472_g_at U22376 /FEATURE=cds#1 /DEFINITION=HSU22376 Human (c-myb) gene,
 complet
 1473_s_at U22376 /FEATURE=cds#2 /DEFINITION=HSU22376 Human (c-myb) gene,
 complet
35 1474_s_at U22376 /FEATURE=cds#3 /DEFINITION=HSU22376 Human (c-myb) gene,
 complet
 1475_s_at U22376 /FEATURE=cds#4 /DEFINITION=HSU22376 Human (c-myb) gene,
 complet

- 1476_s_at U22376 /FEATURE=cds#5 /DEFINITION=HSU22376 Human (c-myb) gene, complet
- 1335_at X04434 /FEATURE=cds /DEFINITION=HSIGFIRR Human mRNA for insulin-like gro
- 368_at Z29083 /FEATURE=cds /DEFINITION=HS5T4OA H.sapiens 5T4 gene for 5T4 Oncofe
- 5** 343_s_at D12485 /FEATURE=cds#1 /DEFINITION=HUMNPP Human mRNA for nucleotide pyro
- METAGENE 389 :**
- 10** 32430_at Cluster Incl. M73481:Human gastrin releasing peptide receptor (GRPR) mR
- 37142_at Cluster Incl. AF038421:Homo sapiens GPI-linked anchor protein (GFRA1) m
- 38875_r_at Cluster Incl. AB011147:Homo sapiens mRNA for KIAA0575 protein, comple
- 39616_at Cluster Incl. AL050227:Homo sapiens mRNA; cDNA DKFZp586M0723 (from clon
- 15** 39642_at Cluster Incl. AL080199:Homo sapiens mRNA; cDNA DKFZp434E082 (from clone
- 41048_at Cluster Incl. D90070:Human ATL-derived PMA-responsive (APR) peptide mRN
- 32027_at Cluster Incl. AF012281:Homo sapiens PDZ domain containing-protein (PDZK
- 32043_at Cluster Incl. AF098462:Homo sapiens stanniocalcin-related protein mRNA,
- 20** 32686_at Cluster Incl. D86096:Human DNA for prostaglandin E receptor EP3 subtype
- 33799_at Cluster Incl. U76248:Human hSLAH2 mRNA, complete cds /cds=(526,1500) /g
- 33800_at Cluster Incl. AF036927:Homo sapiens adenylyl cyclase type IX mRNA, comp
- 34678_at Cluster Incl. AL096713:Homo sapiens mRNA; cDNA DKFZp564E1616 (from clon
- 25** 37273_at Cluster Incl. AF007153:Homo sapiens clone 23736 mRNA sequence /cds=UNKN
- 37638_at Cluster Incl. D50857:Human DOCK180 protein mRNA, complete cds /cds=(23,
- 37902_at Cluster Incl. L13278:Homo sapiens zeta-crystallin/quinone reductase mRN
- 38254_at Cluster Incl. AB020689:Homo sapiens mRNA for KIAA0882 protein, partial
- 39055_at Cluster Incl. M32886:Human sorcin CP-22 mRNA, complete cds /cds=(12,608
- 30** 39714_at Cluster Incl. AF042081:Homo sapiens SH3 domain binding glutamic acid-ri
- 40088_at Cluster Incl. X84373:H.sapiens mRNA for nuclear factor RIP140 /cds=(287
- 40790_at Cluster Incl. AB004066:Homo sapiens mRNA for DEC1, complete cds /cds=(1
- 33405_at Cluster Incl. N90755:zb22c08.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 33821_at Cluster Incl. AL034374:Human DNA sequence from clone 483K16 on chromoso
- 35** 34785_at Cluster Incl. AB028948:Homo sapiens mRNA for KIAA1025 protein, partial
- 35356_at Cluster Incl. W21884:58c2 Homo sapiens cDNA /clone=(not-directional) /g
- 35371_at Cluster Incl. M83822:Human beige-like protein (BGL) mRNA, partial cds /
- 35842_at Cluster Incl. AL049265:Homo sapiens mRNA; cDNA DKFZp564F053 (from clone

- 36634_at Cluster Incl. U72649:Human BTG2 (BTG2) mRNA, complete cds /cds=(71,547)
- 37027_at Cluster Incl. M80899:Human novel protein AHNAK mRNA, partial sequence /
- 37038_at Cluster Incl. X83467:H.sapiens PXMP1 gene, exon 1 (and joined CDS) /cds
- 38078_at Cluster Incl. AF042166:Homo sapiens beta-filamin mRNA, complete cds /cd
- 5** 38415_at Cluster Incl. U14603:Human protein-tyrosine phosphatase (HU-PP-1) mRNA,
- 40220_at Cluster Incl. AB021179:Homo sapiens mRNA for HEXIM1 protein, complete c
- 32510_at Cluster Incl. AF026947:Homo sapiens aflatoxin aldehyde reductase AFAR m
- 2042_s_at M15024 /FEATURE= /DEFINITION=HUMCMYBLA Human c-myb mRNA, complete cds
- 10** 1909_at M14745 /FEATURE= /DEFINITION=HUMBCL2C Human bcl-2 mRNA
- 1798_at U41060 /FEATURE= /DEFINITION=HSU41060 Human breast cancer, estrogen regu
- 376_at AB000220 /FEATURE= /DEFINITION=AB000220 Homo sapiens mRNA for semaphorin
- 377_g_at AB000220 /FEATURE= /DEFINITION=AB000220 Homo sapiens mRNA for semaphori
- 15** 310_s_at J03778 /FEATURE= /DEFINITION=HUMTAUA Human microtubule-associated prote

METAGENE 390 :

- 20** 38211_at Cluster Incl. AL050276:Homo sapiens mRNA; cDNA DKFZp566F123 (from clone
- 35622_at Cluster Incl. AB001451:Homo sapiens mRNA for Sck, partial cds /cds=(0,1
- 36892_at Cluster Incl. AF032108:Homo sapiens integrin alpha-7 mRNA, complete cds
- 39350_at Cluster Incl. U50410:Human heparan sulphate proteoglycan (OCI5) mRNA, c
- 25** 39430_at Cluster Incl. AF082557:Homo sapiens TRF1-interacting ankyrin-related AD
- 41137_at Cluster Incl. AB007972:Homo sapiens mRNA, chromosome 1 specific transcr
- 33916_at Cluster Incl. AB023192:Homo sapiens mRNA for KIAA0975 protein, partial
- 37407_s_at Cluster Incl. AF013570:Homo sapiens smooth muscle myosin heavy chain
- 38408_at Cluster Incl. L10373:Human (clone CCG-B7) mRNA sequence /cds=UNKNOWN
- 30** /g
- 39545_at Cluster Incl. U22398:Human Cdk-inhibitor p57KIP2 (KIP2) mRNA, complete
- 32582_at Cluster Incl. AF001548:Human Chromosome 16 BAC clone CIT987SK-A-815A9 /
- 767_at AF001548 /FEATURE=mRNA /DEFINITION=HUA001548 Human Chromosome 16 BAC clo
- 35** 774_g_at D10667 /FEATURE= /DEFINITION=HUMMHCAAA Homo sapiens mRNA for smooth mus

METAGENE 391 :

40647_at Cluster Incl. Z32684:Homo sapiens mRNA for membrane transport protein (
 40478_at Cluster Incl. AL021396:Human DNA sequence from clone 971N18 on chromoso
 34886_at Cluster Incl. L02320:Human radixin mRNA, complete cds /cds=(30,1781) /g
 1733_at M60315 /FEATURE= /DEFINITION=HUMTGFBC Human transforming growth factor-b

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METAGENE 392 :

37109_at Cluster Incl. M55671:Human protein Z (plus 66 bp insertion) mRNA, compl
 36108_at Cluster Incl. M16276:Human MHC class II HLA-DR2-Dw12 mRNA DQw1-beta,
 10 co

METAGENE 393 :

15 35061_at Cluster Incl. AF030514:Homo sapiens interferon stimulated T-cell alpha
 37126_at Cluster Incl. M62800:Human 52-kD SS-A/Ro autoantigen mRNA, complete cds
 37168_at Cluster Incl. AB013924:Homo sapiens mRNA for TSC403 protein, complete c
 37420_i_at Cluster Incl. AL022723:dJ377H14.9 (major histocompatibility complex,
 39988_at Cluster Incl. M74447:Human PSF-2 mRNA, complete cds /cds=(96,2207) /gb=
 33304_at Cluster Incl. U88964:Human HEM45 mRNA, complete cds /cds=(37,582) /gb=U
 20 36472_at Cluster Incl. U32849:Homo sapiens Nmi mRNA, complete cds /cds=(280,1203
 36825_at Cluster Incl. X82200:H.sapiens Staf50 mRNA /cds=(122,1450) /gb=X82200 /
 37219_at Cluster Incl. X72755:H.sapiens Humig mRNA /cds=(39,416) /gb=X72755 /gi=
 37944_at Cluster Incl. U19523:Human GTP cyclohydrolase I mRNA, complete cds /cds
 38287_at Cluster Incl. AA808961:nw16h03.s1 Homo sapiens cDNA /clone=IMAGE-124066
 25 40153_at Cluster Incl. X57522:H.sapiens RING4 cDNA /cds=(30,2456) /gb=X57522 /gi
 41171_at Cluster Incl. D45248:Human mRNA for proteasome activator hPA28 subunit
 41237_at Cluster Incl. D32129:Human mRNA for HLA class-I (HLA-A26) heavy chain,
 32859_at Cluster Incl. M97935:Homo sapiens transcription factor ISGF-3 mRNA, com
 32860_g_at Cluster Incl. M97935:Homo sapiens transcription factor ISGF-3 mRNA, c
 30 33338_at Cluster Incl. M97936:Human transcription factor ISGF-3 mRNA sequence /c
 33339_g_at Cluster Incl. M97936:Human transcription factor ISGF-3 mRNA sequence
 35735_at Cluster Incl. M55542:Human guanylate binding protein isoform I (GBP-2)
 37352_at Cluster Incl. M60618:Human nuclear autoantigen (SP-100) mRNA, complete
 38759_at Cluster Incl. U97502:Homo sapiens butyrophilin (BT3.3) gene /cds=(73,22
 35 38760_f_at Cluster Incl. U90546:Human butyrophilin (BTF4) mRNA, complete cds /cd
 1184_at D45248 /FEATURE= /DEFINITION=HUMPHPA28A Human mRNA for proteasome
 activa
 1021_at J00219 /FEATURE=mRNA /DEFINITION=HUMIFNG Human immune interferon (IFN-ga

669_s_at L05072 /FEATURE=expanded_cds /DEFINITION=HUMIFNRF1A Homo sapiens
interfe
495_at U31628 /FEATURE= /DEFINITION=HSU31628 Human interleukin-15 receptor alpha
431_at X02530 /FEATURE=cds /DEFINITION=HSINFGER Human mRNA for gamma-interferon

5

METAGENE 394 :

31438_s_at Cluster Incl. Z22971:H.sapiens mRNA for M130 antigen extracellular va
33641_g_at Cluster Incl. Y14768:Homo sapiens DNA, cosmid clones TN62 and TN82 /c
10 35012_at Cluster Incl. M81750:H.sapiens myeloid cell nuclear differentiation ant
36795_at Cluster Incl. J03077:Human co-beta glucosidase (proactivator) mRNA, com
37099_at Cluster Incl. AI806222:wf26e10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
38533_s_at Cluster Incl. J03925:Human Mac-1 gene encoding complement receptor ty
40742_at Cluster Incl. M16591:Human hemopoietic cell protein-tyrosine kinase (HC
15 33731_at Cluster Incl. AJ130718:Homo sapiens mRNA for glycoprotein-associated am
33777_at Cluster Incl. D34625:Human TBXAS1 gene for thromboxane synthase, promot
36908_at Cluster Incl. M93221:Human macrophage mannose receptor (MRC1) gene /c
38323_at Cluster Incl. AC005162:Homo sapiens BAC clone RG113D17 from 7p14-p15 /c
39760_at Cluster Incl. AL031781:dJ51J12.1.3 (human ortholog of mouse KH Domain R
20 32207_at Cluster Incl. M64925:Human palmitoylated erythrocyte membrane protein (
32824_at Cluster Incl. AF039704:Homo sapiens lysosomal pepstatin insensitive pro
34830_at Cluster Incl. W25986:17e7 Homo sapiens cDNA /gb=W25986 /gi=1306253 /ug=
36661_s_at Cluster Incl. X06882:Human gene for CD14 differentiation antigen /c
37011_at Cluster Incl. U49392:Human allograft inflammatory factor-1 (AIF-1) mRNA
25 37015_at Cluster Incl. K03000:Human aldehyde dehydrogenase 1 mRNA /c
37684_at Cluster Incl. AB020687:Homo sapiens mRNA for KIAA0880 protein, complete
317_at D55696 /FEATURE= /DEFINITION=D55696 Homo sapiens mRNA for cysteine protea

METAGENE 395 :

30

32904_at Cluster Incl. M28393:Human perforin mRNA, complete cds /c
34974_at Cluster Incl. Y13323:Homo sapiens mRNA for disintegrin-protease /c
35957_at Cluster Incl. AF030196:Homo sapiens stannin mRNA, complete cds /c
36776_at Cluster Incl. X51985:Human LAG-3 mRNA for CD4-related protein involved
35 37145_at Cluster Incl. M85276:Homo sapiens NKG5 gene, complete cds /c
39239_at Cluster Incl. X13444:Human mRNA for CD8 beta-chain glycoprotein (CD8 be
40323_at Cluster Incl. D84276:Homo sapiens mRNA for CD38, complete cds /c
41433_at Cluster Incl. M73255:Human vascular cell adhesion molecule-1 (VCAM1) ge

- 33812_at Cluster Incl. AL049415:Homo sapiens mRNA; cDNA DKFZp586N2119 (from
clon
- 37960_at Cluster Incl. AB014679:Homo sapiens GN6ST mRNA for N-acetylglucosamine-
- 40049_at Cluster Incl. X76104:H.sapiens DAP-kinase mRNA /cds=(336,4631) /gb=X761
- 5** 36203_at Cluster Incl. X16277:Human gene for ornithine decarboxylase ODC (EC 4.1
- 36675_r_at Cluster Incl. J03191:Human profilin mRNA, complete cds /cds=(127,549)
- 38121_at Cluster Incl. X59892:H.sapiens mRNA for IFN-inducible gamma2 protein /c
- 41585_at Cluster Incl. AB018289:Homo sapiens mRNA for KIAA0746 protein, partial
- 41592_at Cluster Incl. AB000734:Homo sapiens mRNA for TIP3, complete cds /cds=(1
- 10** 2002_s_at U27467 /FEATURE= /DEFINITION=HSU27467 Human Bcl-2 related (Bfl-1)
mRNA
- 1081_at M33764 /FEATURE=cds /DEFINITION=HUMSODB Human ornithine decarboxylase ge
- 907_at M13792 /FEATURE=cds /DEFINITION=HUMADAG Human adenosine deaminase
(ADA) g
- 15** 880_at M34539 /FEATURE= /DEFINITION=HUMFKBP Human FK506-binding protein (FKBP)
m
- 583_s_at M30257 /FEATURE= /DEFINITION=HUMCAM1V Human vascular cell
adhesion mole
- 288_s_at L25931 /FEATURE= /DEFINITION=HUMLBR Human lamin B receptor (LBR)
- 20** mRNA,
- 133_at X87212 /FEATURE=cds /DEFINITION=HSCATHCGE H.sapiens mRNA for cathepsin C
- METAGENE 396 :
- 25** 39248_at Cluster Incl. N74607:za55a01.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 39249_at Cluster Incl. AB001325:Human AQP3 gene for aquaporine 3 (water channel)
- 36906_at Cluster Incl. U73304:Human CB1 cannabinoid receptor (CNR1) gene, comple
- METAGENE 397 :
- 30**
- 32488_at Cluster Incl. X14420:Human mRNA for pro-alpha-1 type 3 collagen /cds=(1
- 34091_s_at Cluster Incl. Z19554:H.sapiens vimentin gene /cds=(122,1522) /gb=Z195
- 32305_at Cluster Incl. J03464:Human collagen alpha-2 type I mRNA, complete cds,
- 32307_s_at Cluster Incl. V00503:Human mRNA encoding Pro-alpha-2 chain of type I
- 35** 34985_at Cluster Incl. AF035408:Homo sapiens cartilage intermediate layer protei
- 39674_r_at Cluster Incl. AB011792:Homo sapiens mRNA for extracellular matrix pro
- 41405_at Cluster Incl. AF026692:Homo sapiens frizzled related protein frpHE mRNA
- 31897_at Cluster Incl. U53445:Human ovarian cancer downregulated myosin heavy ch

- 36007_at Cluster Incl. AL050137:Homo sapiens mRNA; cDNA DKFZp586L151 (from clone
- 37283_at Cluster Incl. X82209:H.sapiens MN1 mRNA /cds=(887,4915) /gb=X82209 /gi=
- 37565_at Cluster Incl. X85750:H.sapiens mRNA for transcript associated with mono
- 5 40051_at Cluster Incl. D31762:Human mRNA for KIAA0057 gene, complete cds /cds=(7
- 41191_at Cluster Incl. AB023209:Homo sapiens mRNA for KIAA0992 protein, partial
- 33440_at Cluster Incl. U19969:Human two-handed zinc finger protein ZEB mRNA, par
- 35366_at Cluster Incl. M30269:Human nidogen mRNA, complete cds /cds=(90,3833) /g
- 36142_at Cluster Incl. X79204:H.sapiens SCA1 mRNA for ataxin /cds=(935,3385) /gb
- 10 36638_at Cluster Incl. X78947:H.sapiens mRNA for connective tissue growth factor
- 36976_at Cluster Incl. D21255:Human mRNA for OB-cadherin-2, complete cds /cds=(4
- 37671_at Cluster Incl. S78569:laminin alpha 4 chain [human, fetal lung, mRNA, 62
- 38026_at Cluster Incl. U01244:Human fibulin-1D mRNA, complete cds /cds=(10,2121)
- 38038_at Cluster Incl. U21128:Human lumican mRNA, complete cds /cds=(84,1100) /g
- 15 38052_at Cluster Incl. M14539:Human factor XIII subunit a mRNA, 3' end /cds=(0,2
- 38077_at Cluster Incl. X52022:H.sapiens RNA for type VI collagen alpha3 chain /c
- 38111_at Cluster Incl. X15998:H.sapiens mRNA for the chondroitin sulphate proteo
- 38112_g_at Cluster Incl. X15998:H.sapiens mRNA for the chondroitin sulphate prot
- 38427_at Cluster Incl. L25286:Homo sapiens alpha-1 type XV collagen mRNA, comple
- 20 38433_at Cluster Incl. M76125:Human tyrosine kinase receptor (axl) mRNA, complet
- 38466_at Cluster Incl. X82153:H.sapiens mRNA for cathepsin O /cds=(129,1118) /gb
- 41839_at Cluster Incl. L13698:Human gas1 gene, complete cds /cds=(410,1447) /gb=
- 32535_at Cluster Incl. X63556:H.sapiens mRNA for fibrillin /cds=(0,9010) /gb=X63
- 2087_s_at D21254 /FEATURE= /DEFINITION=HUMOSF4A Human mRNA for OB-
- 25 cadherin-1, co
- 1761_at D37965 /FEATURE= /DEFINITION=HUMPRLTS Human mRNA for PDGF receptor
- beta-
- 1731_at M21574 /FEATURE=mRNA /DEFINITION=HUMPDGFRAA Human platelet-derived
- growt
- 30 1451_s_at D13666 /FEATURE= /DEFINITION=HUMOSF2OS Homo sapiens osf-2 mRNA
- for ost
- 1278_at Tyrosine Kinase, Receptor Axl, Alt. Splice 2
- 753_at D86425 /FEATURE= /DEFINITION=D86425 Homo sapiens mRNA for osteonidogen, c
- 718_at D87258 /FEATURE= /DEFINITION=D87258 Homo sapiens mRNA for serin protease
- 35 671_at J03040 /FEATURE= /DEFINITION=HUMSPARC Human SPARC/osteonectin mRNA,
- compl
- 661_at L13698 /FEATURE= /DEFINITION=HUMGAS1A Human gas1 gene, complete cds
- 581_at M61916 /FEATURE= /DEFINITION=HUMLAM101 Human laminin B1 chain mRNA,
- compl

232_at M55210 /FEATURE=mRNA#1 /DEFINITION=HUMLB2A26 Human laminin B2 chain gene,

METAGENE 398 :

5

- 35858_at Cluster Incl. AA996066:os33d01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35955_at Cluster Incl. S80864:cytochrome c-like polypeptide [human, lung adenoca
 39323_at Cluster Incl. U45974:Human phosphatidylinositol (4,5) bisphosphate 5-ph
 34702_f_at Cluster Incl. M27826:Human endogenous retroviral protease mRNA, compl
 10 34703_f_at Cluster Incl. AA151971:zo30b03.r1 Homo sapiens cDNA, 5 end /clone=IM
 40050_at Cluster Incl. AF069747:Homo sapiens MTG8-like protein MTGR1a mRNA, comp
 40428_i_at Cluster Incl. AW043812:wy81b07.x1 Homo sapiens cDNA, 3 end /clone=IM

METAGENE 399 :

15

- 35484_at Cluster Incl. U95737:Human Chromosome 16 BAC clone CIT987SK-A-388D4 /cd
 36173_r_at Cluster Incl. AF002163:Homo sapiens delta-adaptin mRNA, complete cds
 2023_g_at M77198 /FEATURE= /DEFINITION=HUMRPKB Human rac protein kinase beta
 mRN

20

METAGENE 400 :

- 37426_at Cluster Incl. U80736:Homo sapiens CAGF9 mRNA, partial cds /cds=(0,995)
 38223_at Cluster Incl. AB024057:Homo sapiens mRNA for vascular Rab-GAP/TBC-conta
 25 41094_at Cluster Incl. Y10179:H.sapiens mRNA for prolactin-inducible protein /cd
 37276_at Cluster Incl. U51903:Human RasGAP-related protein (IQGAP2) mRNA, comple
 41193_at Cluster Incl. AB013382:Homo sapiens mRNA for DUSP6, complete cds /cds=(
 1647_at U51903 /FEATURE= /DEFINITION=HSU51903 Human RasGAP-related protein (IQGA
 325_s_at Prolactin-Induced Protein

30

METAGENE 401 :

- 40684_at Cluster Incl. U78190:Human GTP cyclohydrolase I feedback regulatory pro
 41402_at Cluster Incl. AL080121:Homo sapiens mRNA; cDNA DKFZp564O0823 (from
 35 clon
 41706_at Cluster Incl. AJ130733:Homo sapiens mRNA 2-methylacyl-CoA racemase /cds
 41717_at Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (B
 41721_at Cluster Incl. AA658877:nt84c12.s1 Homo sapiens cDNA /clone=IMAGE-120520
 38012_at Cluster Incl. U03272:Human fibrillin-2 mRNA, complete cds /cds=(0,8735)

METAGENE 402 :

- 31667_r_at Cluster Incl. W27698:36f8 Homo sapiens cDNA /gb=W27698 /gi=1307664 /u
- 5 31715_at Cluster Incl. U93720:Homo sapiens TEX28 mRNA, complete cds /cds=(144,13
- 39255_at Cluster Incl. X02750:Human liver mRNA for protein C /cds=(97,1482) /gb=
- 41383_at Cluster Incl. AJ001403:Homo sapiens mRNA for MUC5AC protein (placental)
- 39406_at Cluster Incl. U50330:Human procollagen C-proteinase (pCP-2) mRNA, compl
- 39764_at Cluster Incl. Z22534:H.sapiens ALK-2 mRNA /cds=(103,1632) /gb=Z22534 /g
- 10 40974_at Cluster Incl. U63541:Human mRNA expressed in HC/HCC livers and MolT-4 p

METAGENE 403 :

- 32402_s_at Cluster Incl. Y10931:H.sapiens mRNA for symplekin /cds=(459,3887) /gb
- 15 35562_at Cluster Incl. AI076718:oz16h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 34897_at Cluster Incl. W26524:32g4 Homo sapiens cDNA /gb=W26524 /gi=1307385 /ug=
- 35963_at Cluster Incl. AI201243:qf70f09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 36732_at Cluster Incl. AI004207:ot94g05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 37159_at Cluster Incl. U79259:Human clone 23945 mRNA, complete cds /cds=(636,140
- 20 38142_at Cluster Incl. U38904:Human zinc finger protein C2H2-25 mRNA, complete c
- 38523_f_at Cluster Incl. D49677:Human U2AF1-RS2 mRNA, complete cds /cds=(24,1472
- 41464_at Cluster Incl. AB002337:Human mRNA for KIAA0339 gene, complete cds /cds=
- 41866_s_at Cluster Incl. AF022728:Homo sapiens beta-dystrobrevin (BDTN) mRNA, co
- 32659_at Cluster Incl. AL050109:Homo sapiens mRNA; cDNA DKFZp586J0119 (from clon
- 25 33242_at Cluster Incl. U92980:Homo sapiens clone DT1P1A10 mRNA, CAG repeat regio
- 33322_i_at Cluster Incl. X57348:H.sapiens mRNA (clone 9112) /cds=(165,911) /gb=X
- 33323_r_at Cluster Incl. X57348:H.sapiens mRNA (clone 9112) /cds=(165,911) /gb=X
- 33736_at Cluster Incl. Y16522:Homo sapiens mRNA for hSLP-1 protein /cds=(44,1228
- 34259_at Cluster Incl. AB014564:Homo sapiens mRNA for KIAA0664 protein, partial
- 30 35701_at Cluster Incl. AI038821:ox96d03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 36862_at Cluster Incl. AB029038:Homo sapiens mRNA for KIAA1115 protein, complete
- 39404_s_at Cluster Incl. D86988:Human mRNA for KIAA0221 gene, complete cds /cds=
- 40872_at Cluster Incl. T57872:yb19b12.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 40875_s_at Cluster Incl. X06815:Human mRNA for hU1-70K small nuclear RNP protein
- 35 41724_at Cluster Incl. X81817:H.sapiens BAP31 mRNA /cds=(73,813) /gb=X81817 /gi=
- 41753_at Cluster Incl. U48734:Human non-muscle alpha-actinin mRNA, complete cds
- 32236_at Cluster Incl. AF032456:Homo sapiens ubiquitin conjugating enzyme G2 (UB
- 33408_at Cluster Incl. AB023151:Homo sapiens mRNA for KIAA0934 protein, partial
- 35260_at Cluster Incl. AB020674:Homo sapiens mRNA for KIAA0867 protein, complete

- 36986_at Cluster Incl. AL031295:Human DNA sequence from clone 886K2 on chromosom
 37365_at Cluster Incl. X63368:H.sapiens HSJ1 mRNA /cds=(25,1080) /gb=X63368 /gi=
 38020_at Cluster Incl. AB014552:Homo sapiens mRNA for KIAA0652 protein, complete
 39088_at Cluster Incl. Y18007:Homo sapiens mRNA for putative seven transmembrane
 5 39824_at Cluster Incl. AI391564:tg16b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40199_at Cluster Incl. M97676:Homo sapiens (region 7) homeobox protein (HOX7) mR
 41838_at Cluster Incl. X99270:H.sapiens Xq28, 2000bp sequence contg. ORF /cds=(5
 490_g_at U63329 /FEATURE=cds /DEFINITION=HSU63329 Human mutY homolog
 (hMYH) gene

10

METAGENE 404 :

- 33221_at Cluster Incl. U80735:Homo sapiens CAGF28 mRNA, partial cds /cds=(0,2235
 36921_at Cluster Incl. U02556:Human RP3 mRNA, complete cds /cds=(68,418) /gb=U02
 15 38317_at Cluster Incl. M99701:Homo sapiens (pp21) mRNA, complete cds /cds=(164,6
 40861_at Cluster Incl. D14812:Human mRNA for KIAA0026 gene, complete cds /cds=(3
 41210_at Cluster Incl. M81057:Human procarboxypeptidase B mRNA, complete cds /cd
 32215_i_at Cluster Incl. AB020685:Homo sapiens mRNA for KIAA0878 protein, comple
 35767_at Cluster Incl. AI565760:tn20b01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 20 36165_at Cluster Incl. W51774:zc48b04.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 36660_at Cluster Incl. AF000231:Homo sapiens rab11a GTPase mRNA, complete cds /c
 41348_at Cluster Incl. U90304:Human iroquois-class homeodomain protein IRX-2a mR
 977_s_at Z35402 /FEATURE=mRNA /DEFINITION=HSECAD3 H.sapiens gene encoding
 E-cadh

25

METAGENE 405 :

- 36295_at Cluster Incl. U09412:Human zinc finger protein ZNF134 mRNA, complete cd
 40691_at Cluster Incl. U71598:Human zinc finger protein zfp2 (zf2) mRNA, partial

30

METAGENE 406 :

- 31525_s_at Cluster Incl. J00153:Human alpha globin gene cluster on chromosome 16
 31687_f_at Cluster Incl. M25079:Human sickle cell beta-globin mRNA, complete cds
 35 32052_at Cluster Incl. L48215:Homo sapiens beta-globin (HBB) gene, with a to c a
 117_at X51757 /FEATURE=cds /DEFINITION=HSP70B Human heat-shock protein HSP70B g

METAGENE 407 :

- 39315_at Cluster Incl. D13628:Human mRNA for KIAA0003 gene, complete cds /cds=(9
 39993_at Cluster Incl. D11466:Homo sapiens mRNA for PIG-A protein, complete cds
 41632_at Cluster Incl. D38550:Human mRNA for KIAA0075 gene, partial cds /cds=(0,
 41669_at Cluster Incl. D83776:Human mRNA for KIAA0191 gene, partial cds /cds=(0,
 5 31786_at Cluster Incl. AF051321:Homo sapiens Sam68-like phosphotyrosine protein
 31794_at Cluster Incl. D38524:Human mRNA for 5-nucleotidase /cds=(83,1768) /gb=D
 35202_at Cluster Incl. AF025654:Homo sapiens mRNA capping enzyme (HCE) mRNA,
 com
 36898_r_at Cluster Incl. X74331:H.sapiens mRNA for DNA primase (subunit p58) /cd
 10 37991_at Cluster Incl. L38961:Human putative transmembrane protein precursor (B5
 41143_at Cluster Incl. U12022:Human calmodulin (CALM1) gene /cds=(199,648) /gb=U
 41763_g_at Cluster Incl. D64015:Homo sapiens mRNA for T-cluster binding protein,
 32784_at Cluster Incl. AB011108:Homo sapiens mRNA for KIAA0536 protein, partial
 33394_at Cluster Incl. AA034074:zi06c05.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 15 33120_at Cluster Incl. AF045229:Homo sapiens regulator of G protein signaling 10

METAGENE 408 :

- 36412_s_at Cluster Incl. U53831:Homo sapiens interferon regulatory factor 7B mRN
 20 34491_at Cluster Incl. AJ225089:Homo sapiens mRNA for 2-5 oligoadenylate synthe
 38517_at Cluster Incl. M87503:Human IFN-responsive transcription factor subunit
 38549_at Cluster Incl. AF026941:Homo sapiens cig5 mRNA, partial sequence /cds=UN
 38584_at Cluster Incl. AF026939:Homo sapiens CIG49 (cig49) mRNA, complete cds /c
 39263_at Cluster Incl. M87434:Human 71 kDa 25 oligoadenylate synthetase (p69 2-
 25 41045_at Cluster Incl. U77643:Homo sapiens K12 protein precursor mRNA, complete
 31812_at Cluster Incl. M24470:Human glucose-6-phosphate dehydrogenase, complete
 32114_s_at Cluster Incl. S46950:adenosine A2 receptor [human, hippocampal, mRNA,
 33236_at Cluster Incl. AF060228:Homo sapiens retinoic acid receptor responder 3
 35718_at Cluster Incl. L22342:Human nuclear phosphoprotein mRNA, complete cds /c
 30 36927_at Cluster Incl. AB000115:Homo sapiens mRNA expressed in osteoblast, compl
 37641_at Cluster Incl. D28915:Human gene for hepatitis C-associated microtubular
 38662_at Cluster Incl. AL047596:DKFZp586G0421_s1 Homo sapiens cDNA.
 /clone=DKFZp5
 39061_at Cluster Incl. D28137:Human mRNA for BST-2, complete cds /cds=(9,551) /g
 35 40505_at Cluster Incl. AA883502:am25h07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 41745_at Cluster Incl. X57352:Human 1-8U gene from interferon-inducible gene fam
 32775_r_at Cluster Incl. AB006746:Homo sapiens hMmTRA1b mRNA, complete cds /cds=
 32814_at Cluster Incl. M24594:Human interferon-inducible 56 Kd protein mRNA, com
 37014_at Cluster Incl. M33882:Human p78 protein mRNA, complete cds /cds=(345,233

- 37353_g_at Cluster Incl. M60618:Human nuclear autoantigen (SP-100) mRNA, complet
 37360_at Cluster Incl. U66711:Human Ly-6-related protein (9804) gene, complete c
 38388_at Cluster Incl. M11810:Human (2-5) oligo A synthetase E gene /cds=(0,120
 38389_at Cluster Incl. X04371:Human 1.6Kb mRNA for 2-5A synthetase induced by in
 5 38432_at Cluster Incl. AA203213:zx57e04.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 1358_s_at U22970 /FEATURE=mRNA#1 /DEFINITION=HSU22970 Human interferon-
 inducible
 1107_s_at M13755 /FEATURE=mRNA /DEFINITION=HUMIFN15K Human interferon-
 induced 17
 10 915_at M24594 /FEATURE=mRNA /DEFINITION=HUMII56KD Human interferon-inducible 56
 879_at M30818 /FEATURE=mRNA /DEFINITION=HUMMXB Human interferon-induced
 cellular
 675_at J04164 /FEATURE= /DEFINITION=HUM927A Human interferon-inducible protein 9
 626_s_at L78833 /FEATURE=cds#5 /DEFINITION=HUMBRCA1 Human BRCA1, Rho7
 15 and vatI g
 464_s_at U72882 /FEATURE= /DEFINITION=HSU72882 Human interferon-induced
 leucine
 425_at X67325 /FEATURE=cds /DEFINITION=HSP27 H.sapiens p27 mRNA
 269_at L40387 /FEATURE=cds /DEFINITION=HUMTRIP14G Homo sapiens thyroid receptor
 20
 METAGENE 409 :
 33559_at Cluster Incl. U61412:Human non-receptor type protein tyrosine kinase (P
 38169_s_at Cluster Incl. U76368:Human cationic amino acid transporter-2A (ATRC2)
 25 35174_i_at Cluster Incl. X70940:H.sapiens mRNA for elongation factor 1 alpha-2 /
 35729_at Cluster Incl. AB018270:Homo sapiens mRNA for KIAA0727 protein, partial
 37580_at Cluster Incl. AF036271:Homo sapiens EEN-B2-L3 mRNA, complete cds /cds=(
 1582_at M29540 /FEATURE= /DEFINITION=HUMCEAF Human carcinoembryonic antigen
 mRNA
 30
 METAGENE 410 :
 34077_at Cluster Incl. X95876:H.sapiens mRNA for G-protein coupled receptor /cds
 36334_at Cluster Incl. L42621:Homo sapiens Ly-9 mRNA, complete cds /cds=(0,1832)
 35 38963_i_at Cluster Incl. U12707:Human Wiskott-Aldrich syndrome protein (WASP) mR
 32646_at Cluster Incl. AB007918:Homo sapiens mRNA for KIAA0449 protein, partial
 33283_at Cluster Incl. AF106941:Homo sapiens beta-arrestin 2 mRNA, complete cds
 33804_at Cluster Incl. U43522:Human cell adhesion kinase beta (CAKbeta) mRNA, co
 36482_s_at Cluster Incl. Y15724:Homo sapiens SERCA3 gene, exons 1-7 (and joined

41166_at Cluster Incl. X58529:Human rearranged immunoglobulin mRNA for mu heavy

METAGENE 411 :

- 5** 34180_at Cluster Incl. AB002292:Human mRNA for KIAA0294 gene, complete cds /cds=
 34354_at Cluster Incl. M80634:Human keratinocyte growth factor receptor mRNA, co
 35829_at Cluster Incl. AL080181:Homo sapiens mRNA; cDNA DKFZp434O111 (from
 clone
 1970_s_at Z71929 /FEATURE=cds /DEFINITION=HSFGFR2MR H.sapiens FGFR2 mRNA
10 1363_at M87770 /FEATURE= /DEFINITION=HUMKSAMI Human fibroblast growth factor rec

METAGENE 412 :

- 37423_at Cluster Incl. U30246:Human bumetanide-sensitive Na-K-Cl cotransporter (
15 41362_at Cluster Incl. X91249:H.sapiens mRNA for white gene protein /cds=(30,205
 33723_at Cluster Incl. AL049346:Homo sapiens mRNA; cDNA DKFZp566B213 (from
 clone
 34288_at Cluster Incl. U67784:Human orphan G protein-coupled receptor (RDC1) mRN
 34876_at Cluster Incl. U65090:Human carboxypeptidase D mRNA, complete cds /cds=(
20 37363_at Cluster Incl. AB007889:Homo sapiens KIAA0429 mRNA, complete cds /cds=(2

METAGENE 413 :

- 40333_at Cluster Incl. U43842:Homo sapiens bone morphogenetic protein-4 (hBMP-4)
25 37609_at Cluster Incl. U01833:Human nucleotide-binding protein mRNA, complete cd
 38336_at Cluster Incl. AB023230:Homo sapiens mRNA for KIAA1013 protein, partial
 34311_at Cluster Incl. X76648:H.sapiens mRNA for glutaredoxin /cds=(63,383) /gb=
 34381_at Cluster Incl. AI708889:as86g01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1228_s_at U73682 /FEATURE= /DEFINITION=HSU73682 Human meningioma-expressed
30 antig
 1114_at M22490 /FEATURE= /DEFINITION=HUMBMP2B Human bone morphogenetic protein-2

METAGENE 414 :

- 35** 36692_at Cluster Incl. AF052099:Homo sapiens clone 23632 mRNA sequence /cds=UNKN
 40358_at Cluster Incl. M57609:Human DNA-binding protein (GLI3) mRNA, complete cd
 41049_at Cluster Incl. S62539:insulin receptor substrate-1 [human, skeletal musc
 37197_s_at Cluster Incl. AL050006:Homo sapiens mRNA; cDNA DKFZp564A033 (from clo
 39441_at Cluster Incl. Y11395:H.sapiens mRNA for p40 /cds=(104,1303) /gb=Y11395

- 39687_at Cluster Incl. AI524873:promma-10.C03.r Homo sapiens cDNA, 5 end/clon
- 40133_s_at Cluster Incl. W28944:54h12 Homo sapiens cDNA /gb=W28944 /gi=1308955 /
- 33403_at Cluster Incl. AL050260:Homo sapiens mRNA; cDNA DKFZp547E1010 (from clon
- 5** 872_i_atS62539 /FEATURE= /DEFINITION=S62539 insulin receptor substrate-1 [human
- 851_s_at S62539 /FEATURE= /DEFINITION=S62539 insulin receptor substrate-1 [human
- 744_at D50487 /FEATURE= /DEFINITION=HUMHRH1 Human mRNA for RNA helicase (HRH1),
- 10** METAGENE 415 :
- 37471_at Cluster Incl. U94317:Homo sapiens ribonuclease P protein subunit p40 (R
- 40364_at Cluster Incl. U83460:Human high-affinity copper uptake protein (hCTR1)
- 41058_g_at Cluster Incl. AI760162:wg58e09.x1 Homo sapiens cDNA, 3 end/clone=IM
- 15** 41454_at Cluster Incl. W27949:39h3 Homo sapiens cDNA /gb=W27949 /gi=1307897 /ug=
- 41670_at Cluster Incl. R38263:yc92c11.s1 Homo sapiens cDNA, 3 end/clone=IMAGE-
- 34755_at Cluster Incl. AJ236876:Homo sapiens mRNA for poly(ADP-ribose) polymeras
- 35247_at Cluster Incl. AI557062:PT2.1_13_A09.r Homo sapiens cDNA, 3 end/clone_
- 36023_at Cluster Incl. AI864120:wg64a06.x1 Homo sapiens cDNA, 3 end/clone=IMAG
- 20** 37174_at Cluster Incl. D14660:Human mRNA for KIAA0104 gene, complete cds /cds=(3
- 37936_at Cluster Incl. AI184802:qd24g04.x1 Homo sapiens cDNA, 3 end/clone=IMAG
- 39060_at Cluster Incl. D38048:Human mRNA for proteasome subunit z, complete cds
- 39443_s_at Cluster Incl. M19961:Human cytochrome c oxidase subunit Vb (coxVb) mR
- 40788_at Cluster Incl. U84371:Human adenylate kinase 2A (AK2A) mRNA, complete cd
- 25** 41213_at Cluster Incl. X67951:H.sapiens mRNA for proliferation-associated gene (
- 33422_at Cluster Incl. AF052155:Homo sapiens clone 24761 mRNA sequence /cds=UNKN
- 33433_at Cluster Incl. AL049943:Homo sapiens mRNA; cDNA DKFZp564F0522 (from clon
- 36122_at Cluster Incl. X59417:H.sapiens PROS-27 mRNA /cds=(62,802) /gb=X59417 /g
- 30** 36205_at Cluster Incl. L04490:Homo sapiens (clone CC6) NADH-ubiquinone oxidoredu
- 36639_at Cluster Incl. AF067853:Homo sapiens adenylosuccinate lyase (ADSL) mRNA,
- 36676_at Cluster Incl. AL031659:dJ343K2.2.1 (ribophorin II (isoform 1)) /cds=(28
- 36687_at Cluster Incl. N50520:yy89b05.s1 Homo sapiens cDNA, 3 end/clone=IMAGE-
- 36978_at Cluster Incl. D38521:Human mRNA for KIAA0077 gene, partial cds /cds=(0,
- 35** 37325_at Cluster Incl. D14697:Human mRNA for KIAA0003 gene, complete cds /cds=(1
- 37337_at Cluster Incl. AI803447:tc39g04.x1 Homo sapiens cDNA, 3 end/clone=IMAG
- 37666_at Cluster Incl. D29011:Human mRNA for proteasome subunit X, complete cds
- 38060_at Cluster Incl. AI541336:pec1.2-7.A07.r Homo sapiens cDNA, 5 end/clone_
- 38744_at Cluster Incl. N95406:zb80g12.s1 Homo sapiens cDNA, 3 end/clone=IMAGE-

40979_at Cluster Incl. AJ243310:Homo sapiens mRNA for C14orf3 protein /cds=(131,
 32529_at Cluster Incl. X69910:H.sapiens p63 mRNA for transmembrane protein /cds=
 372_f_atZ84718 /FEATURE=cds#2 /DEFINITION=HS322B1 Human DNA sequence from clone

5 METAGENE 416 :

32914_f_at Cluster Incl. AC005175:Homo sapiens chromosome 19, cosmid R31449 /cds
 36537_at Cluster Incl. AB011093:Homo sapiens mRNA for KIAA0521 protein, partial
 33360_at Cluster Incl. AB023221:Homo sapiens mRNA for KIAA1004 protein, partial
 10 34833_at Cluster Incl. AL050157:Homo sapiens mRNA; cDNA DKFZp586O0120 (from
 clon
 38828_s_at Cluster Incl. AA628946:af28f05.s1 Homo sapiens cDNA, 3 end /clone=IM
 38829_r_at Cluster Incl. AA628946:af28f05.s1 Homo sapiens cDNA, 3 end /clone=IM
 32579_at Cluster Incl. U29175:Human transcriptional activator (BRG1) mRNA, compl
 15 1295_at L19067 /FEATURE= /DEFINITION=HUMNFKB65A Human NF-kappa-B transcription f

METAGENE 417 :

39964_at Cluster Incl. AJ007590:Homo sapiens mRNA for XRP2 protein /cds=(172,122
 20 34668_at Cluster Incl. D88152:Homo sapiens mRNA for acetyl-coenzyme A transporte
 36081_s_at Cluster Incl. AB004848:Homo sapiens mRNA expressed in placenta, clone
 36657_at Cluster Incl. AA883870:am26f01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 38774_at Cluster Incl. U77942:Human syntaxin 7 mRNA, complete cds /cds=(79,864)
 40568_at Cluster Incl. L35249:Homo sapiens vacuolar H⁺-ATPase Mr 56,000 subunit
 25 40571_at Cluster Incl. U90942:Human myosin heavy chain 12 (MYO5A) mRNA, complete
 40612_at Cluster Incl. AB029040:Homo sapiens mRNA for KIAA1117 protein, partial
 32578_at Cluster Incl. AW005997:wz91c01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 33180_at Cluster Incl. U68111:Human protein phosphatase inhibitor 2 (PPP1R2) gen
 950_at D87127 /FEATURE= /DEFINITION=D87127 Homo sapiens mRNA for translocation p

30

METAGENE 418 :

32426_f_at Cluster Incl. M77481:Human antigen (MAGE-1) gene, complete cds /cds=(
 34148_at Cluster Incl. AJ012611:Homo sapiens mRNA for SIX3 protein /cds=(207,120
 35 34539_at Cluster Incl. AF065854:Homo sapiens OR7E12P pseudogene, complete sequen
 36302_f_at Cluster Incl. U10688:Human MAGE-4b antigen (MAGE4b) gene, complete cd
 33249_at Cluster Incl. M16801:Human mineralocorticoid receptor mRNA (hMR), compl
 37554_at Cluster Incl. U62801:Human protease M mRNA, complete cds /cds=(245,979)
 40107_at Cluster Incl. AF054987:Homo sapiens clone 23831 aldolase C mRNA, comple

34367_at Cluster Incl. AF006043:Homo sapiens 3-phosphoglycerate dehydrogenase mR
 35369_at Cluster Incl. AB023154:Homo sapiens mRNA for KIAA0937 protein, partial
 37320_at Cluster Incl. D14694:Human mRNA for KIAA0024 gene, complete cds /cds=(1
 33203_s_at Cluster Incl. U59831:Human transcription factor, forkhead related act

5

METAGENE 419 :

35601_at Cluster Incl. L00022:Human Ig active epsilon1 5'UT, V-D-J region subgro
 38377_at Cluster Incl. U47742:Human monocytic leukaemia zinc finger protein (MOZ

10

METAGENE 420 :

31722_at Cluster Incl. AL022326:dJ333H23.1.1 (60S Ribosomal Protein L3) /cds=(6,
 36894_at Cluster Incl. AL031846:dJ742C19.5 (novel Chromobox protein) /cds=(89,84
 15 39798_at Cluster Incl. R87876:yo45h01.r1 Homo sapiens cDNA, 5' end /clone=IMAGE-
 41236_at Cluster Incl. U79252:Human clone 23679 mRNA, complete cds /cds=(973,144
 41746_at Cluster Incl. Z83840:Human DNA sequence from clone 216E10 on chromosome
 32744_at Cluster Incl. AI526078:DU3.2-7.G08.r Homo sapiens cDNA, 5' end /clone_e
 32766_at Cluster Incl. Z83840:Human DNA sequence from clone 216E10 on chromosome
 20 33868_at Cluster Incl. Z93241:dJ222E13.3.2 (PUTATIVE partial isoform 2) /cds=(0,
 34302_at Cluster Incl. U96074:Human translation initiation factor eIF3 p44 subun
 34837_at Cluster Incl. AB002374:Human mRNA for KIAA0376 gene, partial cds /cds=(
 34849_at Cluster Incl. X91257:H.sapiens mRNA for seryl-tRNA synthetase /cds=(75,
 34866_at Cluster Incl. AF055029:Homo sapiens clone 24711 mRNA sequence /cds=UNKN
 25 35298_at Cluster Incl. U54558:Homo sapiens translation initiation factor eIF3 p6
 35336_at Cluster Incl. AL021707:Human DNA sequence from clone 508I15 on chromoso
 38053_s_at Cluster Incl. AF015767:Homo sapiens brain and reproductive organ-expr
 39916_r_at Cluster Incl. J02984:Human insulinoma rig-analog mRNA encoding DNA-bi

30 METAGENE 421 :

35402_at Cluster Incl. AF068868:Homo sapiens TNFR-related death receptor-6 (DR6)
 34793_s_at Cluster Incl. M22299:Human T-plastin polypeptide mRNA, complete cds,
 1388_g_at J03258 /FEATURE=mRNA /DEFINITION=HUMVDR Human vitamin D receptor
 35 mRNA,

METAGENE 422 :

31739_at Cluster Incl. AA977513:on60e11.s1 Homo sapiens cDNA, 3' end /clone=IMAG

- 38889_at Cluster Incl. AF104304:Homo sapiens Smad anchor for receptor activation
- 39682_at Cluster Incl. X87159:H.sapiens mRNA for beta subunit of epithelial amil
- 34719_at Cluster Incl. AB020645:Homo sapiens mRNA for KIAA0838 protein, complete
- 35650_at Cluster Incl. AB002354:Human mRNA for KIAA0356 gene, complete cds /cds=
- 5** 35673_at Cluster Incl. U02082:Human guanine nucleotide regulatory protein (tim1)
- 38669_at Cluster Incl. D86959:Human mRNA for KIAA0204 gene, complete cds /cds=(5
- 39758_f_at Cluster Incl. J04182:Homo sapiens lysosomal membrane glycoprotein-1 (
- 39787_at Cluster Incl. AB029821:Homo sapiens mRNA for phosphatidylethanolamine N
- 41207_at Cluster Incl. AF043897:Homo sapiens C90RF3 large isoform, mRNA sequence
- 10** 32764_at Cluster Incl. AI796048:wh41g06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 32768_at Cluster Incl. AL048308:DKFZp586A2224_s1 Homo sapiens cDNA
- /clone=DKFZp5
- 33342_at Cluster Incl. AF039029:Homo sapiens snurportin1 mRNA, complete cds /cds
- 34413_at Cluster Incl. AF038203:Homo sapiens clone 23596 mRNA sequence /cds=UNKN
- 15** 36121_at Cluster Incl. AB028988:Homo sapiens mRNA for KIAA1065 protein, complete
- 37367_at Cluster Incl. X76228:H.sapiens mRNA for vacuolar H⁺ ATPase E subunit /c
- 37654_at Cluster Incl. D31764:Human mRNA for KIAA0064 gene, complete cds /cds=(2
- 37739_at Cluster Incl. M86737:Human high mobility group box (SSRP1) mRNA, comple
- 38477_at Cluster Incl. S81752:DPH2L=candidate tumor suppressor gene {ovarian can
- 20** 38817_at Cluster Incl. AF047437:Homo sapiens sperm acrosomal protein mRNA, compl
- 41332_at Cluster Incl. D38251:Homo sapiens mRNA for RPB5 (XAP4), complete cds /c
- 1348_s_at S79219 /FEATURE= /DEFINITION=S79219 metastasis-associated gene [human,
- 999_at X59812 /FEATURE=cds /DEFINITION=HSVD3HYD H.sapiens CYP 27 mRNA for
- vitami
- 25** 506_s_at U43185 /FEATURE= /DEFINITION=HSU43185 Human signal transducer and
- activ

METAGENE 423 :

- 30** 37794_at Cluster Incl. AF035281:Homo sapiens clone 23903 mRNA sequence /cds=UNKN
- 38197_at Cluster Incl. M64934:Human kell blood group protein mRNA /cds=(123,2321
- 39638_at Cluster Incl. S73885:AP-4=basic helix-loop-helix DNA-binding protein [h
- 39684_at Cluster Incl. U37707:Human dl3 mRNA, complete cds /cds=(336,2093) /gb=
- 40371_at Cluster Incl. X51362:Human mRNA for dopamine D2 receptor /cds=(165,1496
- 35** 41071_at Cluster Incl. X57655:H.sapiens RNA for acrosin-trypsin inhibitor (HUSI-
- 41387_r_at Cluster Incl. AB002344:Human mRNA for KIAA0346 gene, partial cds /cds
- 41863_at Cluster Incl. AF070623:Homo sapiens clone 24468 mRNA sequence /cds=UNKN
- 34238_at Cluster Incl. AB002362:Human mRNA for KIAA0364 gene, complete cds /cds=
- 35145_at Cluster Incl. X96401:H.sapiens mRNA for ROX protein /cds=(212,1960) /gb

	36552_at	Cluster Incl. AL080220:Homo sapiens mRNA; cDNA DKFZp586P0123 (from clon
	40092_at	Cluster Incl. AB002312:Human mRNA for KIAA0314 gene, partial cds /cds=(
	40777_at	Cluster Incl. X87838:H.sapiens mRNA for beta-catenin /cds=(214,2559) /g
5	35755_at	Cluster Incl. U51336:Human inositol 1,3,4-trisphosphate 5/6-kinase mRNA
	39161_at	Cluster Incl. AF052093:Homo sapiens clone 23685 mRNA sequence /cds=UNKN
	40207_g_at	Cluster Incl. AI767675:wh38d11.x1 Homo sapiens cDNA, 3 end /clone=IM
	41483_s_at	Cluster Incl. X56681:Human junD mRNA /cds=(174,1217) /gb=X56681 /gi=3
	1612_s_at	X56681 /FEATURE=mRNA /DEFINITION=HSJUNDR Human junD mRNA
10	METAGENE 424 :	
	38233_at	Cluster Incl. AF093265:Homo sapiens homer-3 mRNA, complete cds /cds=(90
	38599_s_at	Cluster Incl. AD001530:Homo sapiens XAP-5 mRNA, complete cds /cds=(75
15	38956_at	Cluster Incl. AF052111:Homo sapiens clone 23953 mRNA sequence /cds=UNKN
	39307_s_at	Cluster Incl. X81637:H.sapiens clathrin light chain b gene /cds=UNKNO
	32632_g_at	Cluster Incl. J03060:Human glucocerebrosidase (GCB) gene /cds=(229,17
	33294_at	Cluster Incl. D29958:Human mRNA for KIAA0116 gene, partial cds /cds=(0,
	33319_at	Cluster Incl. AF009674:Homo sapiens axin (AXIN) mRNA, partial cds /cds=
20	33745_at	Cluster Incl. M31606:Human phosphorylase kinase (PSK-C3) mRNA, complete
	35206_at	Cluster Incl. AF049105:Homo sapiens centrosomal Nek2-associated protein
	36463_at	Cluster Incl. AB020680:Homo sapiens mRNA for KIAA0873 protein, partial
	36485_at	Cluster Incl. U85647:Homo sapiens small optic lobes homolog (SOLH) mRNA
	36500_at	Cluster Incl. AF027974:Homo sapiens clone LM1955 H105e3 gene, partial c
25	36870_at	Cluster Incl. AB018347:Homo sapiens mRNA for KIAA0804 protein, partial
	36880_at	Cluster Incl. U07736:Human quinone oxidoreductase2 (NQO2) gene /cds=(27
	37214_g_at	Cluster Incl. X90392:H.sapiens mRNA for DNase X gene /cds=(794,1702)
	38007_at	Cluster Incl. L11353:Human moesin-ezrin-radixin-like protein mRNA, comp
	38623_at	Cluster Incl. AI014538:ou40e01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30	38709_at	Cluster Incl. D80009:Human mRNA for KIAA0187 gene, complete cds /cds=(2
	40070_at	Cluster Incl. D50912:Human mRNA for KIAA0122 gene, partial cds /cds=(0,
	41172_at	Cluster Incl. AA126515:zn85c12.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	32211_at	Cluster Incl. AB009398:Homo sapiens mRNA for 26S proteasome subunit p40
	32774_at	Cluster Incl. AI541050:pec1.2-1.E08.r Homo sapiens cDNA, 5 end /clone_
35	34787_at	Cluster Incl. X93209:H.sapiens mRNA for NRD1 convertase /cds=UNKNOWN /g
	34880_at	Cluster Incl. AC002115:Human DNA from overlapping chromosome 19 cosmids
	36651_at	Cluster Incl. X15525:H.sapiens lysosomal acid phosphatase gene (EC 3.1.
	38043_at	Cluster Incl. X55448:H.sapiens G6PD gene for glucose-6-phosphate dehydr
	38830_at	Cluster Incl. U66685:HSU66685 Homo sapiens cDNA /gb=U66685 /gi=1906570

- 39519_at Cluster Incl. AB014592:Homo sapiens mRNA for KIAA0692 protein, partial
 40905_s_at Cluster Incl. AL050369:Homo sapiens mRNA; cDNA DKFZp566J153 (from clo
 40923_at Cluster Incl. AA290994:zs45d07.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 41805_g_at Cluster Incl. W80358:zh49a07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
5 32584_at Cluster Incl. D38047:Human mRNA for 26S proteasome subunit p31, complet
 1324_at U53174 /FEATURE= /DEFINITION=HSU53174 Human cell cycle checkpoint contro
 101_at Y09305 /FEATURE=cds /DEFINITION=HSDYRK4 H.sapiens mRNA for protein kinase

METAGENE 425 :

10

- 33034_at Cluster Incl. Y17108:Homo sapiens mRNA for rhomboid-related protein, co
 35381_at Cluster Incl. AL080127:Homo sapiens mRNA; cDNA DKFZp434C013 (from
 clone
 37114_at Cluster Incl. L32832:Homo sapiens zinc finger homeodomain protein (ATBF
15 37490_at Cluster Incl. L27213:Homo sapiens anion exchange protein mRNA, complete
 37529_at Cluster Incl. AF051946:Homo sapiens T-type calcium channel alpha-1 subu
 38221_at Cluster Incl. AF100153:Homo sapiens connector enhancer of KSR-like prot
 41610_at Cluster Incl. AB011105:Homo sapiens mRNA for KIAA0533 protein, partial
 41657_at Cluster Incl. AF035625:Homo sapiens serine threonine kinase 11 (STK11)
20 41705_at Cluster Incl. U69198:U69198 Homo sapiens cDNA /clone=c-32h10 /gb=U69198
 31846_at Cluster Incl. AW003733:ws16b04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 32137_at Cluster Incl. AF029778:Homo sapiens Jagged2 (JAG2) mRNA, complete cds /
 33269_at Cluster Incl. AB003723:Homo sapiens mRNA for GPII, complete cds /cds=(1
 34287_at Cluster Incl. AB023175:Homo sapiens mRNA for KIAA0958 protein, partial
25 34726_at Cluster Incl. U07139:Human voltage-gated calcium channel beta subunit m
 34769_at Cluster Incl. U82535:Human fatty acid amide hydrolase mRNA, complete cd
 35671_at Cluster Incl. U02619:Human TFIIC Box B-binding subunit mRNA, complete
 37931_at Cluster Incl. X05299:Human mRNA (~95%) for major centromere autoantigen
 37970_at Cluster Incl. AB028989:Homo sapiens mRNA for KIAA1066 protein, partial
30 37996_s_at Cluster Incl. L08835:Homo sapiens DMR-N9, partial cds; and myotonic d
 38725_s_at Cluster Incl. N36295:yx99b12.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 39803_s_at Cluster Incl. U84570:Human A2 mRNA, complete cds /cds=(239,883) /gb=U
 40116_at Cluster Incl. X15573:Human liver-type 1-phosphofructokinase (PFKL) mRNA
 40451_at Cluster Incl. AL080203:Homo sapiens mRNA; cDNA DKFZp434F222 (from
35 clone
 32837_at Cluster Incl. U56418:Human lysophosphatidic acid acyltransferase-beta m
 33824_at Cluster Incl. X74929:H.sapiens KRT8 mRNA for keratin 8 /cds=(59,1510) /
 33900_at Cluster Incl. U76702:Homo sapiens follistatin-related protein FLRG (FLR
 33903_at Cluster Incl. AB007144:Homo sapiens mRNA for ZIP-kinase, complete cds /

- 33929_at Cluster Incl. X54232:Human mRNA for heparan sulfate proteoglycan (glypi
 35763_at Cluster Incl. AB011112:Homo sapiens mRNA for KIAA0540 protein, partial
 35828_at Cluster Incl. D42123:Homo sapiens mRNA for ESP1/CRP2, complete cds /cds
 36136_at Cluster Incl. AF010315:Homo sapiens Pig11 (PIG11) mRNA, complete cds /c
5 36152_at Cluster Incl. X79353:H.sapiens XAP-4 mRNA for GDP-dissociation inhibito
 36183_at Cluster Incl. X86779:H.sapiens mRNA for FAST kinase /cds=(21,1670) /gb=
 36670_at Cluster Incl. L26339:Human autoantigen mRNA, complete cds /cds=(136,378
 37368_at Cluster Incl. AA292277:zt51a05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 38021_at Cluster Incl. U53204:Human plectin (PLEC1) mRNA, complete cds /cds=(51,
10 38069_at Cluster Incl. Z67743:H.sapiens mRNA for CLC-7 chloride channel protein
 38813_at Cluster Incl. X75621:Homo sapiens TSC2 mRNA for tuberin /cds=(18,5441)
 39832_at Cluster Incl. AL096723:Homo.sapiens mRNA; cDNA DKFZp564H2023 (from
 clon
 39918_at Cluster Incl. AF042379:Homo sapiens spindle pole body protein spc97 hom
15 40235_at Cluster Incl. L13738:Human activated p21cdc42Hs kinase (ack) mRNA, comp
 40580_r_at Cluster Incl. M24398:Human parathymosin mRNA, complete cds /cds=(300,
 41306_at Cluster Incl. AA004795:zh96a06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 1395_at L25081 /FEATURE= /DEFINITION=HUMRHOCA Homo sapiens GTPase (rhoC) mRNA,
 c
20 1270_at M64788 /FEATURE= /DEFINITION=HUMRAP1GAP Human GTPase activating protein
 897_at L33243 /FEATURE=mRNA /DEFINITION=HUMPKD1A Homo sapiens polycystic kidney
 884_at M59911 /FEATURE= /DEFINITION=HUMINTA3A Human integrin alpha-3 chain
 mRNA,
 721_g_at D87673 /FEATURE= /DEFINITION=D87673 Homo sapiens mRNA for heat
25 shock tr

METAGENE 426 :

- 39306_at Cluster Incl. AF052514:Homo sapiens thymus specific serine peptidase mR
30 37558_at Cluster Incl. U97188:Homo sapiens putative RNA binding protein KOC (koc
 40913_at Cluster Incl. W28589:48h12 Homo sapiens cDNA /gb=W28589 /gi=1308537 /ug
 1386_at M83738 /FEATURE= /DEFINITION=HUMPTPSA Human protein-tyrosine phosphatase

METAGENE 427 :

35

- 31859_at Cluster Incl. J05070:Human type IV collagenase mRNA, complete cds /cds=

METAGENE 428 :

- 36403_s_at Cluster Incl. AI434146:ti36g07.x1 Homo sapiens cDNA, 3 end /clone=IM
- 38862_at Cluster Incl. Y11215:Homo sapiens mRNA for SKAP55 protein /cds=(70,1149
- 41442_at Cluster Incl. AB010419:Homo sapiens mRNA for MTG8-related protein MTG16
- 41443_at Cluster Incl. U63127:Human SEC7 homolog Tic (TIC) mRNA, complete cds /c
- 5** 34223_at Cluster Incl. M59818:Human granulocyte colony-stimulating factor recept
- 35147_at Cluster Incl. AB002360:Human mRNA for KIAA0362 gene, partial cds /cds=(
- 35626_at Cluster Incl. U30894:Human N-sulphoglucosamine sulphohydrolase mRNA, co
- 38342_at Cluster Incl. D87076:Human mRNA for KIAA0239 gene, partial cds /cds=(0,
- 41130_at Cluster Incl. Y08698:H.sapiens mRNA for RanBP3 (59 kDa) /cds=(20,1708)
- 10** 41222_at Cluster Incl. AF067575:untitled /cds=(21,2564) /gb=AF067575 /gi=3789867
- 32145_at Cluster Incl. X58141:Human mRNA for erythrocyte adducin alpha subunit /
- 35852_at Cluster Incl. AB014558:Homo sapiens mRNA for KIAA0658 protein, partial
- 39130_at Cluster Incl. AB018313:Homo sapiens mRNA for KIAA0770 protein, partial
- 40225_at Cluster Incl. D88435:Homo sapiens mRNA for HsGAK, complete cds /cds=(0,
- 15** 32591_at Cluster Incl. AI494623:qz17b06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 1294_at L13852 /FEATURE= /DEFINITION=HUME1URP Homo sapiens ubiquitin-activating
- 1134_at L13738 /FEATURE=mRNA /DEFINITION=HUMNRTYKIN Human activated
- p21cdc42Hs k
- 816_g_at U70987 /FEATURE= /DEFINITION=HSU70987 Human GAP binding protein
- 20** p62dok
- 596_s_at M59820 /FEATURE=mRNA /DEFINITION=HUMGCSFR3 Human granulocyte
- colony-sti
- 453_at U66616 /FEATURE= /DEFINITION=HSU66616 Human SWI/SNF complex 170 KDa
- subun
- 25**
- METAGENE 429 :
- 38555_at Cluster Incl. AB026436:Homo sapiens mRNA for dual specificity phosphata
- 41696_at Cluster Incl. AI620381:tu94d05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 30** 31864_at Cluster Incl. X98263:H.sapiens mRNA for M-phase phosphoprotein, mpp6 /c
- 32044_at Cluster Incl. D13635:Human mRNA for KIAA0010 gene, complete cds /cds=(3
- 34230_r_at Cluster Incl. D84454:Human mRNA for UDP-galactose translocator, compl
- 34737_at Cluster Incl. AF058718:Homo sapiens putative 13 S Golgi transport compl
- 36489_at Cluster Incl. D00860:Homo sapiens mRNA for phosphoribosyl pyrophosphate
- 35** 39023_at Cluster Incl. AF020038:Homo sapiens NADP-dependent isocitrate dehydroge
- 40082_at Cluster Incl. D10040:Homo sapiens mRNA for long-chain acyl-CoA syntheta
- 40509_at Cluster Incl. J04058:Human electron transfer flavoprotein alpha-subunit
- 41139_at Cluster Incl. W26633:34b1 Homo sapiens cDNA /gb=W26633 /gi=1307476 /ug=
- 33369_at Cluster Incl. AI535653:P9-C4.T3.P9.D4 Homo sapiens cDNA, 3 end /clone_

- 33849_at Cluster Incl. U02020:Human pre-B cell enhancing factor (PBEF) mRNA, com
 36607_at Cluster Incl. Z99716:bK250D10.5 (alpha-N-acetylgalactosaminidase) /cds=
 36677_at Cluster Incl. X70476:H.sapiens subunit of coatomer complex /cds=(68,278
 36985_at Cluster Incl. X17025:Human homolog of yeast IPP isomerase /cds=(50,736)
5 37692_at Cluster Incl. AI557240:PT2.1_15_C11.r Homo sapiens cDNA, 3 end/clone_
 1039_s_at U22431 /FEATURE= /DEFINITION=HSU22431 Human hypoxia-inducible factor
 1
 955_at Calmodulin Type I
 837_s_at U43944 /FEATURE= /DEFINITION=HSU43944 Human breast cancer cytosolic
10 NAD
 589_at M32313 /FEATURE=mRNA /DEFINITION=HUM5AR Human steroid 5-alpha-reductase
 m
 223_at S81003 /FEATURE= /DEFINITION=S81003 L-UBC=ubiquitin conjugating enzyme [h

15 METAGENE 430 :

 31927_s_at Cluster Incl. D86062:Human mRNA for KNP-Ib, complete cds /cds=(18,731
 37890_at Cluster Incl. X69398:H.sapiens mRNA for OA3 antigenic surface determina
 41198_at Cluster Incl. AF055008:Homo sapiens clone 24720 epithelin 1 and 2 mRNA,
20 36630_at Cluster Incl. Z50781:H.sapiens mRNA for leucine zipper protein /cds=(13
 36945_at Cluster Incl. X94910:Homo sapiens mRNA for ERp28 protein /cds=(11,796)
 38391_at Cluster Incl. M94345:Homo sapiens macrophage capping protein mRNA, comp
 41551_at Cluster Incl. AW044624:wy78c04.x1 Homo sapiens cDNA, 3 end/clone=IMAG
 41552_g_at Cluster Incl. AW044624:wy78c04.x1 Homo sapiens cDNA, 3 end/clone=IM
25 1315_at D78361 /FEATURE= /DEFINITION=HUMODAZ Human mRNA for ornithine decarboxyl
 1267_at M55284 /FEATURE= /DEFINITION=HUMPKCL Human protein kinase C-L (PRKCL)
 mR
 677_s_at J04430 /FEATURE=mRNA /DEFINITION=HUMACP5 Human tartrate-resistant
 acid
30
 METAGENE 431 :

 31627_f_at Cluster Incl. AF047485:Homo sapiens amine oxidase pseudogene mRNA, sp
 41701_at Cluster Incl. X72177:H.sapiens C6 gene, exon 1 /cds=(20,2824) /gb=X7217
35 35182_f_at Cluster Incl. W25874:14e9 Homo sapiens cDNA /gb=W25874 /gi=1306015 /u
 33142_at Cluster Incl. AF034633:Homo sapiens orphan G protein-coupled receptor (
 2060_at M13995 /FEATURE=mRNA /DEFINITION=HUMBCL2B Human B-cell
 leukemia/lymphoma
 258_at M16441 /FEATURE=cds#1 /DEFINITION=HUMTNFAB Human tumor necrosis factor an

METAGENE 432 :

- 32089_at Cluster Incl. AF079363:Homo sapiens sperm flagellar protein Repro-SA-1
5 35230_at Cluster Incl. AF070530:Homo sapiens clone 24751 unknown mRNA /cds=(0,12
 40626_at Cluster Incl. AI693193:wd68f02.x1 Homo sapiens cDNA, 3 end /clone=IMAG

METAGENE 433 :

- 10** 31736_at Cluster Incl. AA975427:og28g02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 33035_at Cluster Incl. AL021397:dJ69E11.3 (Yeast YPR037W and worm C02C2.6 predic
 33661_at Cluster Incl. U66589:Human ribosomal protein L5 pseudogene mRNA, comple
 35579_at Cluster Incl. AB014524:Homo sapiens mRNA for KIAA0624 protein, partial
 36707_s_at Cluster Incl. X89059:H.sapiens mRNA for unknown protein expressed in
15 37156_at Cluster Incl. AF070641:Homo sapiens clone 24421 mRNA sequence /cds=UNKN
 37506_at Cluster Incl. Z78308:HSZ78308 Homo sapiens cDNA /clone=1.47-(CEPH) /gb=
 38568_at Cluster Incl. U82939:Homo sapiens p53 binding protein mRNA, complete cd
 39637_at Cluster Incl. U14528:Human sulfate transporter (DTD) mRNA, complete cds
 39969_at Cluster Incl. AA255502:zr85b06.r1 Homo sapiens cDNA, 5 end /clone=IMAG
20 40701_at Cluster Incl. U75362:Homo sapiens isopeptidase T-3 (ISOT-3) mRNA, compl
 41438_at Cluster Incl. AL049923:Homo sapiens mRNA; cDNA DKFZp547E2210 (from
 clon
 41465_at Cluster Incl. AJ236885:Homo sapiens mRNA for ZBP-89 protein /cds=(391,2
 41466_s_at Cluster Incl. L04282:Human CACCC box-binding protein mRNA, complete c
25 41612_at Cluster Incl. AB007872:Homo sapiens KIAA0412 mRNA, partial cds /cds=(36
 31867_at Cluster Incl. AF052174:Homo sapiens clone 24630 mRNA sequence /cds=UNKN
 32127_at Cluster Incl. U90030:Homo sapiens bicaudal-D (BICD) mRNA, alternatively
 33805_at Cluster Incl. AB007949:Homo sapiens mRNA for KIAA0480 protein, complete
 34278_at Cluster Incl. L18960:Human protein synthesis factor (eIF-4C) mRNA, comp
30 34684_at Cluster Incl. L36140:Homo sapiens (clone 1311) DNA helicase (RECQL) mRN
 35211_at Cluster Incl. L07590:Human protein phosphatase 2A 130 kDa regulatory su
 35632_at Cluster Incl. U26710:Human cbl-b mRNA, complete cds /cds=(322,3270) /gb
 36002_at Cluster Incl. AB023229:Homo sapiens mRNA for KIAA1012 protein, complete
 36054_at Cluster Incl. AB020699:Homo sapiens mRNA for KIAA0892 protein, partial
35 37535_at Cluster Incl. M27691:Human transactivator protein (CREB) mRNA, complete
 37984_s_at Cluster Incl. M57763:Human ADP-ribosylation factor (hARF6) mRNA, comp
 38986_at Cluster Incl. Z49835:H.sapiens mRNA for protein disulfide isomerase /cd
 39419_at Cluster Incl. AB011088:Homo sapiens mRNA for KIAA0516 protein, partial
 39794_at Cluster Incl. D29956:Human mRNA for KIAA0055 gene, complete cds /cds=(3

- 40105_at Cluster Incl. M65131:Human methylmalonyl-CoA mutase (MCM) mRNA, complet
- 40463_at Cluster Incl. U70322:Human transportin (TRN) mRNA, complete cds /cds=(9
- 40464_g_at Cluster Incl. U70322:Human transportin (TRN) mRNA, complete cds /cds=
- 5** 32802_at Cluster Incl. AB011169:Homo sapiens mRNA for KIAA0597 protein, partial
- 33418_at Cluster Incl. AL096752:Homo sapiens mRNA; cDNA DKFZp434A012 (from clone
- 35373_at Cluster Incl. M61906:Human P13-kinase associated p85 mRNA sequence /cds
- 36944_f_at Cluster Incl. U72621:Human LOT1 mRNA, complete cds /cds=(657,2048) /g
- 10** 37661_at Cluster Incl. J04027:Human plasma membrane Ca²⁺ pumping ATPase mRNA, co
- 38368_at Cluster Incl. U31930:Human deoxyuridine nucleotidohydrolase mRNA, compl
- 38765_at Cluster Incl. AB028449:Homo sapiens mRNA for Helicase-MOI, complete cds
- 40217_s_at Cluster Incl. U65887:Human CDP-diacylglycerol synthase mRNA, complete
- 40260_g_at Cluster Incl. AL009266:H. sapiens cDNA similar to C. elegans RNA bind
- 15** 40604_at Cluster Incl. Y13493:Homo sapiens mRNA for protein kinase Dyrk2 /cds=(3
- 1818_at Ras-Like Protein Tc10
- 1785_at S66431 /FEATURE= /DEFINITION=S66431 RBP2=retinoblastoma binding protein
- 1602_at L33881 /FEATURE= /DEFINITION=HUMPKCI Human protein kinase C iota isoform
- 1603_g_at L33881 /FEATURE= /DEFINITION=HUMPKCI Human protein kinase C iota
- 20** isofo
- 1329_s_at U74382 /FEATURE= /DEFINITION=HSU74382 Human telomeric repeat DNA-bindi
- 1269_at M61906 /FEATURE= /DEFINITION=HUMP13KIN Human P13-kinase associated p85 m
- 930_at L07590 /FEATURE= /DEFINITION=HUMPP2A130 Human protein phosphatase 2A 130
- 25** 877_at M27691 /FEATURE= /DEFINITION=HUMCREB Human transactivator protein (CREB)
- 663_at L18960 /FEATURE= /DEFINITION=HUMEIF4C Human protein synthesis factor (eIF
- 514_at U26710 /FEATURE= /DEFINITION=HSU26710 Human cbl-b mRNA, complete cds
- 462_at U70862 /FEATURE= /DEFINITION=HSU70862 Human nuclear factor I B3 mRNA, com
- 274_at L04282 /FEATURE= /DEFINITION=HUMTB Human CACCC box-binding protein
- 30** mRNA,
- METAGENE 434 :
- 34933_at Cluster Incl. AJ238381:Homo sapiens pax9 gene, exons 1-2 and joined CDS
- 35** 41496_at Cluster Incl. AL050189:Homo sapiens mRNA; cDNA DKFZp586B0323 (from clon
- 1735_g_at M60556 /FEATURE=mRNA#1 /DEFINITION=HUMTGFB3B Human transforming growth

METAGENE 435 :

- 35027_at Cluster Incl. X14830:Human mRNA for muscle acetylcholine receptor beta-
 32957_g_at Cluster Incl. AC002550:Human Chromosome 16 BAC clone CIT987SK-A-101F1
5 34197_at Cluster Incl. X80907:H.sapiens mRNA for p85 beta subunit of phosphatidy
 35361_at Cluster Incl. W28299:44h4 Homo sapiens cDNA /gb=W28299 /gi=1308247 /ug=
 38482_at Cluster Incl. AJ011497:Homo sapiens mRNA for Claudin-7 /cds=(334,969) /
 40275_at Cluster Incl. AL046322:DKFZp434I087_r1 Homo sapiens cDNA, 5 end /clone
 41550_at Cluster Incl. AF091071:Homo sapiens clone 192 Rer1 mRNA, complete cds /
10 1939_at M22898 /FEATURE=mRNA /DEFINITION=HUMP53A11 Human phosphoprotein p53
 gene
 1826_at M12174 /FEATURE= /DEFINITION=HUMRHOA Human ras-related rho mRNA (clone 6
 388_at X80907 /FEATURE= /DEFINITION=HSPHOSINK H.sapiens mRNA for p85 beta subuni

15 METAGENE 436 :

- 32394_s_at Cluster Incl. X55954:Human mRNA for HL23 ribosomal protein homologue
 32395_r_at Cluster Incl. X55954:Human mRNA for HL23 ribosomal protein homologue
 32435_at Cluster Incl. X63527:H.sapiens mRNA for ribosomal protein L19 /cds=(28,
20 38272_at Cluster Incl. AF038844:Homo sapiens MKP-1 like protein tyrosine phospho
 32191_at Cluster Incl. D13969:Human mRNA for Mel-18 protein, complete cds /cds=(
 32192_g_at Cluster Incl. D13969:Human mRNA for Mel-18 protein, complete cds /cds
 35741_at Cluster Incl. U85245:Human phosphatidylinositol-4-phosphate 5-kinase ty
 36181_at Cluster Incl. X82456:H.sapiens MLN50 mRNA /cds=(75,860) /gb=X82456 /gi=
25 40187_at Cluster Incl. AW016815:UI-H-BIO-aam-c-09-0-UI.s1 Homo sapiens cDNA, 3
 1309_at D26598 /FEATURE= /DEFINITION=HUMPSH1 Human mRNA for proteasome subunit H

METAGENE 437 :

- 30** 36378_at Cluster Incl. AF085807:Homo sapiens uroplakin Ia mRNA, partial cds /cds
 39301_at Cluster Incl. X85030:H.sapiens mRNA for skeletal muscle-specific calpai
 39105_at Cluster Incl. Z46389:Homo sapiens encoding vasodilator-stimulated phosph
 1317_at X70040 /FEATURE=cds /DEFINITION=HSRON H.sapiens RON mRNA for tyrosine ki

35 METAGENE 438 :

- 39973_at Cluster Incl. U47926:Human unknown protein B mRNA, complete cds /cds=(8
 34390_at Cluster Incl. U90441:Human prolyl 4-hydroxylase alpha (II) subunit mRNA
 36990_at Cluster Incl. X04741:Human mRNA for protein gene product (PGP) 9.5 /cds

37345_at Cluster Incl. AF013759:Homo sapiens calumein (Calu) mRNA, complete cds
 39176_f_at Cluster Incl. M54994:Human bile salt-activated lipase (BAL) mRNA, com
 33127_at Cluster Incl. U89942:Human lysyl oxidase-related protein (WS9-14) mRNA,

5 METAGENE 439 :

31583_at Cluster Incl. X67247:H.sapiens rpS8 gene for ribosomal protein S8 /cds=
 31952_at Cluster Incl. X69391:H.sapiens mRNA for ribosomal protein L6 /cds=(26,8
 33485_at Cluster Incl. D23660:Human mRNA for ribosomal protein, complete cds /cd
 10 34008_at Cluster Incl. AF084465:Homo sapiens Ras-like GTP-binding protein REM mR
 34430_at Cluster Incl. U70732:Human glutamate pyruvate transaminase (GPT) gene,
 33752_at Cluster Incl. AB020657:Homo sapiens mRNA for KIAA0850 protein, complete
 36930_at Cluster Incl. L05425:Homo sapiens autoantigen mRNA, complete cds /cds=(
 41235_at Cluster Incl. AL022312:dJ1104E15.2 (activating transcription factor 4 (
 15 39811_at Cluster Incl. AA402538:zu48g06.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 41262_at Cluster Incl. AL021707:Human DNA sequence from clone 508I15 on chromoso

METAGENE 440 :

20 31350_at Cluster Incl. AC004597:Homo sapiens chromosome 19, cosmid F20722 /cds=(
 31439_f_at Cluster Incl. X63095:H.sapiens mRNA for rhesus polypeptide (RhVI) /cd
 31478_at Cluster Incl. M16653:Human pancreatic elastase IIB mRNA, complete cds /
 31590_g_at Cluster Incl. AL031983:dJ271M21.2 (hs6M1-12 (7 transmembrane receptor
 31775_at Cluster Incl. X65018:H.sapiens mRNA for lung surfactant protein D /cds=
 25 31785_f_at Cluster Incl. U92817:Homo sapiens unnamed HERV-H protein mRNA, comple
 31930_f_at Cluster Incl. X63096:H.sapiens mRNA for rhesus polypeptide (RhVIII) /
 31991_at Cluster Incl. AL049430:Homo sapiens mRNA; cDNA DKFZp586H201 (from
 clone
 32007_at Cluster Incl. W29045:55e12 Homo sapiens cDNA /gb=W29045 /gi=1309002 /ug
 30 32010_at Cluster Incl. Z82180:Human DNA sequence from clone E81G9 on chromosome
 32407_f_at Cluster Incl. U92818:Homo sapiens c33.28 unnamed HERV-H protein mRNA,
 33651_at Cluster Incl. AB013456:Homo sapiens hAQP8 mRNA for aquaporin 8, complet
 33670_at Cluster Incl. X74439:H.sapiens mRNA for estrogen receptor gene 5flankin
 34060_g_at Cluster Incl. AA586695:nn42h06.s1 Homo sapiens cDNA, 3 end /clone=IM
 35 34067_at Cluster Incl. AL022314:dJ1170K4.2 (novel Trypsin family protein with cl
 34139_at Cluster Incl. AL049651:Human DNA sequence from clone 753D10 on chromoso
 34634_s_at Cluster Incl. U68487:Human 5-hydroxytryptamine7 receptor isoform b mR
 34636_at Cluster Incl. M23892:Human 15-lipoxygenase mRNA, complete cds /cds=(3,1
 35091_at Cluster Incl. AA706226:ah28a07.s1 Homo sapiens cDNA, 3 end /clone=1240

	35536_at	Cluster Incl. AB011176:Homo sapiens mRNA for KIAA0604 protein, complete
	36332_at	Cluster Incl. U40391:Human serotonin N-acetyltransferase gene, complete
	36375_at	Cluster Incl. X74614:H.sapiens ODF2 (allele 2) gene for outer dense fib
	36407_at	Cluster Incl. AL050220:Homo sapiens mRNA; cDNA DKFZp586J1923 (from clon
5	36411_s_at	Cluster Incl. U29943:Human ELAV-like neuronal protein-2 Hel-N2 mRNA,
	32271_at	Cluster Incl. X16707:Human fra-1 mRNA /cds=(34,849) /gb=X16707 /gi=3146
	32866_at	Cluster Incl. AB011177:Homo sapiens mRNA for KIAA0605 protein, complete
	32898_at	Cluster Incl. U20582:Human actin-like peptide mRNA, partial cds /cds=(2
	32915_at	Cluster Incl. AL109730:Homo sapiens mRNA full length insert cDNA clone
10	33470_at	Cluster Incl. AF052177:Homo sapiens clone 24510 mRNA sequence /cds=UNKN
	33521_at	Cluster Incl. M63962:Human gastric H,K-ATPase catalytic subunit gene, c
	33545_at	Cluster Incl. M81758:Homo sapiens skeletal muscle voltage-dependent sod
	33568_at	Cluster Incl. U48861:Human beta 4 nicotinic acetylcholine receptor subu
	34425_at	Cluster Incl. AF031469:Homo sapiens MHC class I related protein 1 isofo
15	34457_at	Cluster Incl. U76010:Human putative zinc transporter ZnT-3 (ZnT-3) mRNA
	34527_r_at	Cluster Incl. AF052108:Homo sapiens clone 23687 mRNA sequence /cds=UN
	34981_at	Cluster Incl. M55513:Human potassium channel (HPCN1) mRNA, complete cds
	35485_at	Cluster Incl. X80818:H.sapiens mRNA for metabotropic glutamate receptor
	35899_at	Cluster Incl. AF109401:Homo sapiens neurotrophic factor artemin precurs
20	35915_at	Cluster Incl. X82540:H.sapiens mRNA for activin beta-C chain /cds=(127,
	35939_s_at	Cluster Incl. L20433:Human octamer binding transcription factor 1 (OT
	35950_at	Cluster Incl. U90841:Homo sapiens SSX4 (SSX4) mRNA, complete cds /cds=(
	36276_at	Cluster Incl. X67734:H.sapiens mRNA for transient axonal glycoprotein (
	36285_at	Cluster Incl. U07364:Human inwardly rectifying potassium channel mRNA,
25	36298_at	Cluster Incl. L14565:Human peripherin (PRPH) gene exons 1-9, complete c
	36702_at	Cluster Incl. AJ010277:Homo sapiens mRNA for TBX19 protein /cds=(51,139
	36706_at	Cluster Incl. Y15057:Homo sapiens mRNA for STK9 protein /cds=(221,3313)
	36754_at	Cluster Incl. X60435:H.sapiens gene PACAP for pituitary adenylate cycla
	37853_at	Cluster Incl. AI857458:w157e02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30	38507_at	Cluster Incl. X16867:Human mRNA for cytochrome P-450IID (clone pMP34) /
	38558_at	Cluster Incl. M29273:Human myelin-associated glycoprotein (MAG) mRNA, c
	38851_at	Cluster Incl. M63394:Human 3 nucleotide sequence mRNA /cds=UNKNOWN
	/gb=	
	38860_at	Cluster Incl. U66346:Homo sapiens cAMP phosphodiesterase (PDE4C) mRNA,
35	38897_at	Cluster Incl. AJ000730:Homo sapiens mRNA for cationic amino acid transp
	38942_r_at	Cluster Incl. W28610:49b12 Homo sapiens cDNA /gb=W28610 /gi=1308558 /
	39242_at	Cluster Incl. X96783:H.sapiens Syt V gene (genomic and cDNA sequence) /
	39245_at	Cluster Incl. U72507:Human 40871 mRNA partial sequence /cds=UNKNOWN /gb
	39990_at	Cluster Incl. U07559:Human ISL-1 (Islet-1) mRNA, complete cds /cds=(248

	40299_at	Cluster Incl. AF091890:Homo sapiens G-protein coupled receptor RE2 mRNA
	40317_at	Cluster Incl. U57352:Human sodium channel 1 (hBNC1) mRNA, complete cds
	40643_at	Cluster Incl. M34480:Human platelet glycoprotein IIb (GPIIb) mRNA, comp
	41647_at	Cluster Incl. W28742:51a7 Homo sapiens cDNA /gb=W28742 /gi=1308690 /ug=
5	32029_at	Cluster Incl. AF017995:Homo sapiens 3-phosphoinositide dependent protei
	32710_at	Cluster Incl. X83127:H.sapiens mRNA for voltage gated potassium channel
	33779_at	Cluster Incl. AF060538:Homo sapiens vesicle associated membrane protein
	34655_at	Cluster Incl. AI951832:wx38b09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35685_at	Cluster Incl. Z14000:H.sapiens RING1 gene /cds=(75,1208) /gb=Z14000 /gi
10	36011_at	Cluster Incl. AF035531:Homo sapiens syntaxin 10 mRNA, complete cds /cds
	36037_g_at	Cluster Incl. J05500:Human beta-spectrin (SPTB) mRNA, complete cds /c
	36546_r_at	Cluster Incl. AB011114:Homo sapiens mRNA for KIAA0542 protein, comple
	36815_at	Cluster Incl. AF038185:Homo sapiens clone 23700 mRNA sequence /cds=UNKN
	36883_at	Cluster Incl. X14640:Human mRNA for keratin 13 /cds=(42,1418) /gb=X1464
15	36907_at	Cluster Incl. M88468:Homo sapiens mevalonate kinase mRNA, complete cds
	37191_at	Cluster Incl. D87463:Human mRNA for KIAA0273 gene, complete cds /cds=(4
	37270_at	Cluster Incl. AF007876:Homo sapiens Na,K-ATPase beta 2 subunit gene, co
	38624_at	Cluster Incl. AF054506:Homo sapiens erythroid K-Cl cotransporter splici
	38646_s_at	Cluster Incl. AI763065:wi64h03.x1 Homo sapiens cDNA, 3 end /clone=IM
20	38660_at	Cluster Incl. F27891:HSPD16170 Homo sapiens cDNA /clone=s4000025D03 /gb
	40094_r_at	Cluster Incl. X80026:H.sapiens B-cam mRNA /cds=(6,1772) /gb=X80026 /g
	40442_f_at	Cluster Incl. W26019:18b9 Homo sapiens cDNA /gb=W26019 /gi=1306304 /u
	40507_at	Cluster Incl. K03195:Human (HepG2) glucose transporter gene mRNA, compl
	32810_at	Cluster Incl. AF019369:untitled /cds=(89,826) /gb=AF019369 /gi=2623563
25	34832_s_at	Cluster Incl. AB018306:Homo sapiens mRNA for KIAA0763 protein, comple
	35756_at	Cluster Incl. AF089816:Homo sapiens RGS-GAIP interacting protein GIPC m
	36615_at	Cluster Incl. M83751:Human arginine-rich protein (ARP) gene, complete c
	38027_at	Cluster Incl. X53742:H.sapiens mRNA for fibulin-1 B /cds=(10,1815) /gb=
	38048_at	Cluster Incl. D84110:Homo sapiens mRNA for RBP-MS/type 4, complete cds
30	38058_at	Cluster Incl. Z22865:H.sapiens dermatopontin mRNA, complete CDS /cds=(1
	38752_r_at	Cluster Incl. AA426364:zv61b06.s1 Homo sapiens cDNA, 3 end /clone=IM
	39468_r_at	Cluster Incl. W27081:22g5 Homo sapiens cDNA /gb=W27081 /gi=1306660 /u
	39472_s_at	Cluster Incl. W25985:17e6 Homo sapiens cDNA /gb=W25985 /gi=1306252 /u
	39870_at	Cluster Incl. AI377866:te63h04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
35	40595_at	Cluster Incl. AI345337:tb81g11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40919_at	Cluster Incl. M81830:Human somatostatin receptor isoform 2 (SSTR2) gene
	40938_at	Cluster Incl. Y13835:Homo sapiens mRNA for farnesylated-proteins conver
	40954_at	Cluster Incl. H94881:yu57f07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	40959_at	Cluster Incl. AB011171:Homo sapiens mRNA for KIAA0599 protein, partial

- 41351_at Cluster Incl. AA885106:am31h01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41361_at Cluster Incl. W28148:43f2 Homo sapiens cDNA /gb=W28148 /gi=1308159 /ug=
- 41793_at Cluster Incl. AI288757:qm11h01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41825_at Cluster Incl. W26652:34c6 Homo sapiens cDNA /gb=W26652 /gi=1307495 /ug=
- 5** 32560_s_at Cluster Incl. W30959:zc65h10.r1 Homo sapiens cDNA, 5 end /clone=IMAG
- 1552_i_at U22028 /FEATURE=expanded_cds /DEFINITION=HSU22028 Human cytochrome P45
- 1517_at J02906 /FEATURE=mRNA /DEFINITION=HUMCYPIIF Human cytochrome P450IIF1 pro
- 10** 1419_g_at D29675 /FEATURE=exon /DEFINITION=HUMNOSB Human inducible nitric oxide
- 1339_s_at X14675 /FEATURE=cds /DEFINITION=HSBCR3C Human bcr-abl mRNA 5 fragment
- 1289_at L02321 /FEATURE= /DEFINITION=HUMGSTM5 Human glutathione S-transferase (G
- 15** 1259_at L76568 /FEATURE=exons#13-14 /DEFINITION=HUMERCC4G Homo sapiens excision 1177_at Dna-Binding Protein Ap-2, Alt. Splice 3
- 1155_at J03069 /FEATURE=mRNA /DEFINITION=HUMMYCL2A Human MYCL2 gene, complete cd
- 1122_f_at K03183 /FEATURE=cds /DEFINITION=HUMCGBBA3 Human chorionic gonadotropin
- 20** 1032_at U11872 /FEATURE= /DEFINITION=HSU11872 Human interleukin-8 receptor type 730_r_atMucin 3, Intestinal
- 731_f_atMucin 3, Intestinal
- 732_f_atMucin 3, Intestinal
- 25** 420_at X65633 /FEATURE=cds /DEFINITION=HSACTHR H.sapiens ACTH-R gene for adrenoc 240_at M64231 /FEATURE=mRNA /DEFINITION=HUMSPERSYN Human spermidine synthase gen
- 121_at X69699 /FEATURE= /DEFINITION=HSPAX8A H.sapiens Pax8 mRNA
- 30** METAGENE 441 :
- 31382_f_at Cluster Incl. AF016492:Homo sapiens UDP-glucuronosyltransferase 2B mR
- 33068_f_at Cluster Incl. U08854:Human UDP glucuronosyltransferase precursor (UGT
- 41376_i_at Cluster Incl. J05428:Human 3,4-catechol estrogen UDP-glucuronosyltran
- 35** 41377_f_at Cluster Incl. J05428:Human 3,4-catechol estrogen UDP-glucuronosyltran
- METAGENE 442 :
- 34927_at Cluster Incl. M28826:Human thymocyte antigen CD1b mRNA, complete cds /c

37861_at Cluster Incl. X14975:Human CD1 R2 gene for MHC-related antigen /cds=(0,
 39925_at Cluster Incl. M95610:Human alpha 2 type IX collagen (COL9A2) mRNA, part
 1183_at D43767 /FEATURE= /DEFINITION=HUMAR Human mRNA for chemokine, complete cd

5 METAGENE 443 :

34556_at Cluster Incl. Z29074:H.sapiens mRNA for cytokeratin 9 /cds=(66,1937) /g
 37588_s_at Cluster Incl. U62317:Chromosome 22q13 BAC Clone CIT987SK-384D8 comple
 1256_at L38929 /FEATURE=mRNA /DEFINITION=HUMPTPD Homo sapiens protein tyrosine p

10

METAGENE 444 :

31544_at Cluster Incl. L13203:Human HNF-3/fork-head homolog-3 HFH-3 mRNA, comple
 32105_f_at Cluster Incl. U66063:Homo sapiens calcium/calmodulin-dependent protei

15

METAGENE 445 :

35118_at Cluster Incl. M12625:Human lecithin-cholesterol acyltransferase mRNA, c
 36267_at Cluster Incl. X77909:H.sapiens IKBL mRNA /cds=(68,1213) /gb=X77909 /gi=
20 37442_at Cluster Incl. AL050378:Homo sapiens mRNA; cDNA DKFZp586I1420 (from clon
 37489_s_at Cluster Incl. U05596:Human anion exchanger 3 brain isoform (bAE3) mRN
 38188_s_at Cluster Incl. L28821:Homo sapiens alpha mannosidase II isozyme mRNA,
 38592_s_at Cluster Incl. AI828210:wk81e09.x1 Homo sapiens cDNA, 3 end /clone=IM
 39261_at Cluster Incl. L16896:Human zinc finger protein mRNA, complete cds /cds=
25 41114_at Cluster Incl. AB018350:Homo sapiens mRNA for KIAA0807 protein, partial
 41698_at Cluster Incl. AL031685:dJ963K23.4 (KIAA0939 (novel Sodium/hydrogen exch
 31839_at Cluster Incl. AC004475:Homo sapiens chromosome 19, cosmid F23858 /cds=(
 32635_at Cluster Incl. AB029036:Homo sapiens mRNA for KIAA1113 protein, partial
 33300_at Cluster Incl. AL031282:dJ283E3.3.1 (Cell Division Cycle 2-Like 2 (PITSL
30 34200_at Cluster Incl. X83378:H.sapiens mRNA for putative chloride channel /cds=
 35652_g_at Cluster Incl. AF002715:Homo sapiens MAP kinase kinase kinase (MTK1) m
 36068_at Cluster Incl. AF002210:Homo sapiens copper chaperone for superoxide dis
 36562_at Cluster Incl. AB007887:Homo sapiens KIAA0427 mRNA, complete cds /cds=(2
 37269_at Cluster Incl. D38496:Human mRNA for LZTR-1, complete cds /cds=(862,2520
35 37596_at Cluster Incl. U09117:Human phospholipase c delta 1 mRNA, complete cds /
 40104_at Cluster Incl. D63780:Homo sapiens mRNA for YSK1, complete cds /cds=(114
 34406_at Cluster Incl. AB011174:Homo sapiens mRNA for KIAA0602 protein, partial
 35795_at Cluster Incl. AJ011972:Homo sapiens mRNA for histone deacetylase-like p
 37379_at Cluster Incl. X81789:H.sapiens mRNA for splicing factor SF3a60 /cds=(56

- 38440_s_at Cluster Incl. AA015605:ze20c12.s1 Homo sapiens cDNA, 3 end /clone=IM
 39115_at Cluster Incl. AL050275:Homo sapiens mRNA; cDNA DKFZp566D213 (from
 clone
 39129_at Cluster Incl. AF052134:Homo sapiens clone 23585 mRNA sequence /cds=UNKN
5 39551_at Cluster Incl. N98667:yy66d05.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
 39861_at Cluster Incl. M98343:Homo sapiens amplexin (EMS1) mRNA, complete cds /c
 32502_at Cluster Incl. AL041124:DKFZp434D0316_s1 Homo sapiens cDNA, 3 end /clon
 160024_at X78342 /FEATURE=cds /DEFINITION=HSPISSLRE H.sapiens PISSLRE mRNA
 /NOTE
10 METAGENE 446 :
 37864_s_at Cluster Incl. Y14737:Homo sapiens mRNA for immunoglobulin lambda heav
 38194_s_at Cluster Incl. M63438:Human Ig rearranged gamma chain mRNA, V-J-C regi
15 33273_f_at Cluster Incl. X57809:Human rearranged immunoglobulin lambda light cha
 33274_f_at Cluster Incl. M18645:Human Ig rearranged lambda-chain mRNA VJC-region
 41827_f_at Cluster Incl. AI932613:wo05c02.x1 Homo sapiens cDNA, 3 end /clone=IM
 METAGENE 447 :
20 31451_at Cluster Incl. U62794:Human CDC42 GAP-related protein mRNA, partial cds
 31699_at Cluster Incl. S67334:phosphatidylinositol 3-kinase p110 beta isoform=11
 35597_at Cluster Incl. AJ000480:Homo sapiens mRNA for C8FW phosphoprotein /cds=(
 33989_f_at Cluster Incl. W28869:53h2 Homo sapiens cDNA /gb=W28869 /gi=1308880 /u
25 34533_at Cluster Incl. AF038192:Homo sapiens clone 23808 mRNA sequence /cds=UNKN
 36262_at Cluster Incl. Z12173:H.sapiens GNS mRNA encoding glucosamine-6-sulphata
 36263_g_at Cluster Incl. Z12173:H.sapiens GNS mRNA encoding glucosamine-6-sulpha
 36696_at Cluster Incl. AB000359:Homo sapiens PIGCP1 pseudogene /cds=(0,416) /gb=
 37111_g_at Cluster Incl. AB012229:Homo sapiens gene for fructose-6-phosphate,2-k
30 37528_at Cluster Incl. U03109:Human aspartyl beta-hydroxylase mRNA, complete cds
 37886_at Cluster Incl. AB015332:Homo sapiens HRIHFB2018 mRNA, partial cds /cds=(
 38207_at Cluster Incl. AW006742:wr28g10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 39277_at Cluster Incl. U60805:Human oncostatin-M specific receptor beta subunit
 40696_at Cluster Incl. U50062:Homo sapiens RIP protein kinase mRNA, complete cds
35 41390_at Cluster Incl. X69086:H.sapiens mRNA for utrophin /cds=(0,10301) /gb=X69
 34725_at Cluster Incl. M73077:Human glucocorticoid receptor repression factor 1
 34742_at Cluster Incl. Z23115:H.sapiens bcl-xL mRNA /cds=(134,835) /gb=Z23115 /g
 39694_at Cluster Incl. W27517:31h6 Homo sapiens cDNA /gb=W27517 /gi=1307321 /ug=
 40493_at Cluster Incl. L05424:Human hyaluronate receptor (CD44) gene /cds=(136,2

- 40847_at Cluster Incl. AB018293: Homo sapiens mRNA for KIAA0750 protein, complete
- 41144_g_at Cluster Incl. U12022: Human calmodulin (CALM1) gene /cds=(199,648) /gb
- 41226_at Cluster Incl. L05147: Human dual specificity phosphatase tyrosine/serine
- 41782_g_at Cluster Incl. U22815: Human LAR-interacting protein 1a mRNA, complete
- 5** 33372_at Cluster Incl. AI189226: qd04h11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 33843_g_at Cluster Incl. AC004472: Homo sapiens chromosome 9, P1 clone 11659 /cds
- 39522_at Cluster Incl. D49817: Homo sapiens mRNA for 6-phosphofructo-2-kinase/fru
- 39523_at Cluster Incl. AF038897: Homo sapiens syntaxin 16 mRNA, complete cds /cds
- 39537_at Cluster Incl. X98248: H.sapiens mRNA for sortilin /cds=(21,2522) /gb=X98
- 10** 40553_at Cluster Incl. AI742087: wg38g10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 40608_at Cluster Incl. AA013087: ze27c09.r1 Homo sapiens cDNA, 5 end /clone=IMAG
- 40984_at Cluster Incl. W28255: 44b8 Homo sapiens cDNA /gb=W28255 /gi=1308203 /ug=
- 41287_s_at Cluster Incl. W28510: 48f3 Homo sapiens cDNA /gb=W28510 /gi=1308521 /u
- 2082_s_at L08599 /FEATURE= /DEFINITION= HUMUVOECAD Human uvomorulin (E-
- 15** cadherin)
- 1917_at X03484 /FEATURE=cds /DEFINITION=HSRAFR Human mRNA for raf oncogene
- 1793_at M80629 /FEATURE= /DEFINITION=HUMCHED Human cdc2-related protein kinase (
- 1615_at Z23115 /FEATURE=cds /DEFINITION=HSBCLXL H.sapiens bcl-xL mRNA
- 1439_s_at X75346 /FEATURE=cds /DEFINITION=HSMAPKAP H.sapiens mRNA for MAP
- 20** kinase
- 1034_at U14394 /FEATURE= /DEFINITION=HSU14394 Human tissue inhibitor of metallopro
- 1045_s_at U33838 /FEATURE= /DEFINITION=HSU33838 Human NF-kappa-B p65delta3
- mRNA,
- 973_at Y10032 /FEATURE=cds /DEFINITION=HSRNASTPK H.sapiens mRNA for putative ser
- 25** 867_s_at U12471 /FEATURE=cds#2 /DEFINITION=HSU12471 Human thrombospondin-1
- gene,
- 727_at Ornithine Aminotransferase-Like 3
- 622_at M28212 /FEATURE= /DEFINITION=HUMRAB6A Homo sapiens GTP-binding protein (R
- 517_at U07000 /FEATURE=cds#4 /DEFINITION=HSU07000 Human breakpoint cluster regio
- 30** 435_g_at X03473 /FEATURE=cds /DEFINITION=HSHIS10G Human gene for histone
- H1(0)
- METAGENE 448 :
- 35** 37178_at Cluster Incl. M74089: Human TB1 gene mRNA, 3 end /cds=(0,1305) /gb=M740
- METAGENE 449 :
- 38210_at Cluster Incl. Z35094: H.sapiens mRNA for SURF-2 /cds=(17,787) /gb=Z35094

- 39643_at Cluster Incl. U94703:Homo sapiens mitochondrial DNA polymerase accessor
 40322_at Cluster Incl. D12763:Homo sapiens mRNA for ST2 protein /cds=(46,1032) /
 34695_at Cluster Incl. AI816724:wj43c06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 37959_at Cluster Incl. D63876:Human mRNA for KIAA0154 gene, partial cds /cds=(0,
5 38991_at Cluster Incl. U55980:HSU55980 Homo sapiens cDNA, 3 end /clone=25453 /c
 38762_at Cluster Incl. AF083255:Homo sapiens RNA helicase-related protein mRNA,
 39151_at Cluster Incl. AL031290:Human DNA sequence from clone 774I24 on chromoso

METAGENE 450 :

10

- 38551_at Cluster Incl. U52112:neural cell adhesion molecule L1 /cds=(19,3792) /g
 41473_at Cluster Incl. L05779:Human cytosolic epoxide hydrolase mRNA, complete c
 40824_at Cluster Incl. AB018288:Homo sapiens mRNA for KIAA0745 protein, partial

15 METAGENE 451 :

- 35919_at Cluster Incl. J05068:human transcobalamin I mRNA, complete cds /cds=(75
 39939_at Cluster Incl. D21337:Human mRNA for collagen /cds=(234,5270) /gb=D21337
 39940_at Cluster Incl. AL080094:Homo sapiens mRNA; cDNA DKFZp564O1262 (from
20 clon
 33763_at Cluster Incl. AI829671:wf09b02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 32163_f_at Cluster Incl. AA216639:zq95f07.s1 Homo sapiens cDNA, 3 end /clone=IM
 38068_at Cluster Incl. M63175:Human autocrine motility factor receptor mRNA /cds

25 METAGENE 452 :

- 34666_at Cluster Incl. X07834:Human mRNA for manganese superoxide dismutase (EC
 35309_at Cluster Incl. U20428:Human SNC19 mRNA sequence /cds=UNKNOWN
 /gb=U20428

30

METAGENE 453 :

- 34585_at Cluster Incl. L07919:Human homeodomain protein DLX-2 mRNA, 3 end /cds=
 35009_at Cluster Incl. U33837:Human glycoprotein receptor gp330 precursor, mRNA,
35 37833_at Cluster Incl. J02943:Human corticosteroid binding globulin mRNA, comple
 39266_at Cluster Incl. AF070632:Homo sapiens clone 24405 mRNA sequence /cds=UNKN
 40291_r_at Cluster Incl. L13972:Homo sapiens beta-galactoside alpha-2,3-sialyltr
 35183_at Cluster Incl. U78735:Human ABC3 mRNA, complete cds /cds=(559,5673) /gb=
 35227_at Cluster Incl. U72066:Homo sapiens CtBP interacting protein CtIP (CtIP)

- 35643_at Cluster Incl. X76732:H.sapiens mRNA for NEFA protein /cds=(219,1481) /g
- 37274_at Cluster Incl. AF018631:untitled /cds=(35,1666) /gb=AF018631 /gi=2674074
- 37639_at Cluster Incl. X07732:Human hepatoma mRNA for serine protease hepsin /cd
- 39033_at Cluster Incl. Z78368:HSZ78368 Homo sapiens cDNA /clone=3.142-(CEPH) /gb
- 5 33353_at Cluster Incl. W26466:32f11 Homo sapiens cDNA /gb=W26466 /gi=1307372 /ug
- 34792_at Cluster Incl. AL049954:Homo sapiens mRNA; cDNA DKFZp564A1523 (from
clon
- 34808_at Cluster Incl. AB023216:Homo sapiens mRNA for KIAA0999 protein, partial
- 35283_at Cluster Incl. H05692:yl76b12.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 10 38449_at Cluster Incl. W28931:56f3 Homo sapiens cDNA /gb=W28931 /gi=1309086 /ug=
- 40278_at Cluster Incl. AB029003:Homo sapiens mRNA for KIAA1080 protein, partial
- 40936_at Cluster Incl. AI651806:wb55f10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41302_at Cluster Incl. R59606:yh02e06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 260_at M16447 /FEATURE= /DEFINITION=HUMDHPRA Human dihydropteridine reductase (h
- 15
- METAGENE 454 :
- 31522_f_at Cluster Incl. Z80779:H.sapiens H2B/g gene /cds=(0,380) /gb=Z80779 /gi
- 31523_f_at Cluster Incl. Z80780:H.sapiens H2B/h gene /cds=(0,380) /gb=Z80780 /gi
- 20 31524_f_at Cluster Incl. Z80782:H.sapiens H2B/k gene /cds=(0,380) /gb=Z80782 /gi
- 31528_f_at Cluster Incl. Z83738:H.sapiens hH2B/e gene /cds=(0,380) /gb=Z83738 /g
- 31693_f_at Cluster Incl. Z80776:H.sapiens H2A/g gene /cds=(0,392) /gb=Z80776 /gi
- 34157_f_at Cluster Incl. AI200373:qf98c03.x1 Homo sapiens cDNA, 3 end /clone=IM
- 35127_at Cluster Incl. AI039144:ox31b09.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 25 35576_f_at Cluster Incl. AL009179:dJ97D16.4 (Histone H2B) /cds=(25,405) /gb=AL00
- 36347_f_at Cluster Incl. AA873858:oh79b10.s1 Homo sapiens cDNA, 3 end /clone=IM
- 32980_f_at Cluster Incl. AI688098:wc92f08.x1 Homo sapiens cDNA, 3 end /clone=IM
- 34964_at Cluster Incl. N35832:yx89b10.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
- 36757_at Cluster Incl. AL009179:dJ97D16.6 (Histone H3.1) /cds=(10,420) /gb=AL009
- 30 38576_at Cluster Incl. AJ223353:Homo sapiens mRNA for histone H2B, clone pJG4-5-
- 39697_at Cluster Incl. U26726:Human 11-beta-hydroxysteroid dehydrogenase type 2
- 32819_at Cluster Incl. AJ223352:Homo sapiens mRNA for for histone H2B, clone pjG
- 33352_at Cluster Incl. X57985:H.sapiens genes for histones H2B.1 and H2A /cds=(4
- 34308_at Cluster Incl. U90551:Human histone 2A-like protein (H2A/I) mRNA, comple
- 35 37018_at Cluster Incl. AI189287:qd05c04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 32609_at Cluster Incl. AI885852:wl62d08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 762_f_at AB000905 /FEATURE=cds /DEFINITION=AB000905 Homo sapiens DNA for H4 hist
- 286_at L19779 /FEATURE= /DEFINITION=HUMH2A2A Homo sapiens histone H2A.2 mRNA,
co

153_f_atX00088 /FEATURE=cds /DEFINITION=HSHISH2B Human histone H2b gene

METAGENE 455 :

- 5** 35021_at Cluster Incl. U89326:Homo sapiens bone morphogenetic protein receptor t
 32323_at Cluster Incl. M63582:Human preprothyrotropin-releasing hormone gene /cd
 33527_at Cluster Incl. U39196:Human clone hGIRK1 G-protein coupled inwardly rect
 36250_at Cluster Incl. AI889718:wo17c04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 36326_at Cluster Incl. M96740:Human NSCL-2 gene sequence /cds=UNKNOWN
10 /gb=M96740
 38174_at Cluster Incl. X99688:H.sapiens mRNA from TYL gene /cds=(1806,3743) /gb=
 38225_at Cluster Incl. AF052728:Homo sapiens HERG-USO (HERG) mRNA, alternatively
 39619_at Cluster Incl. AF070551:Homo sapiens clone 24515 mRNA sequence /cds=UNKN
 32717_at Cluster Incl. AF029729:Homo sapiens neuralized mRNA, complete cds /cds=
15 37545_at Cluster Incl. W22110:64F11 Homo sapiens cDNA /clone=(not-directional) /
 33426_at Cluster Incl. Y00064:Human mRNA for secretogranin I (chromogranin B) /c
 34847_s_at Cluster Incl. AF112471:Homo sapiens calcium/calmodulin-dependent prot
 36160_s_at Cluster Incl. U81561:Human protein tyrosine phosphatase receptor pi (
 40272_at Cluster Incl. D78012:Homo sapiens mRNA for dihydropyrimidinase related
20 40543_at Cluster Incl. L08424:Homo sapiens achaete scute homologous protein (ASH
 40544_g_at Cluster Incl. L08424:Homo sapiens achaete scute homologous protein (A
 41280_r_at Cluster Incl. AF007134:Homo sapiens clone 23565 unknown mRNA, partial
 41325_at Cluster Incl. AF006823:Homo sapiens TWIK-related acid-sensitive K⁺ chan
 41792_at Cluster Incl. L78207:Homo sapiens sulfonylurea receptor (SUR1) mRNA, co
25 33157_at Cluster Incl. M93119:Human zinc-finger DNA-binding motifs (IA-1) mRNA,

METAGENE 456 :

- 33610_at Cluster Incl. AL049977:Homo sapiens mRNA; cDNA DKFZp564C122 (from
30 clone
 33611_g_at Cluster Incl. AL049977:Homo sapiens mRNA; cDNA DKFZp564C122 (from clo
 35071_s_at Cluster Incl. AF042377:Homo sapiens GDP-mannose 4,6 dehydratase mRNA,
 36806_at Cluster Incl. X83877:H.sapiens mRNA for ABP/ZF /cds=(364,684) /gb=X8387
 38952_s_at Cluster Incl. M33653:Human (clones HT-[125,133]) alpha-2 type IV coll
35 40356_at Cluster Incl. AB026833:Homo sapiens mRNA for chloride channel protein,
 41424_at Cluster Incl. L48516:Homo sapiens paraoxonase 3 (PON3) mRNA, 3 end of
 37637_at Cluster Incl. U27655:Human RGP3 mRNA, complete cds /cds=(287,1846) /gb=
 39080_at Cluster Incl. M88458:Human ELP-1 mRNA sequence /cds=UNKNOWN
 /gb=M88458

- 32756_at Cluster Incl. AF030249:Homo sapiens putative dienoyl-CoA isomerase (ECH
36963_at Cluster Incl. U30255:Human phosphogluconate dehydrogenase (hPGDH) gene,
37044_at Cluster Incl. D49490:Homo sapiens mRNA for protein disulfide isomerase-
38469_at Cluster Incl. M35252:Human CO-029 /cds=(137,850) /gb=M35252 /gi=180925
5 39171_at Cluster Incl. W21787:58b10 Homo sapiens cDNA /clone=(not-directional) /
39805_at Cluster Incl. AF070598:Homo sapiens clone 24410 ABC transporter mRNA, p
40976_at Cluster Incl. AF052432:Homo sapiens katanin p80 subunit mRNA, complete
41489_at Cluster Incl. M99435:Human transducin-like enhancer protein (TLE1) mRNA
32567_at Cluster Incl. D10704:Human mRNA for choline kinase /cds=(27,1397) /gb=D
- 10
METAGENE 457 :
- 41095_at Cluster Incl. X52221:H.sapiens ERCC2 gene, exons 1 & 2 (partial) /cds=U
34854_at Cluster Incl. AC004382:Homo sapiens Chromosome 16 BAC clone CIT987SK-A-
15 35269_at Cluster Incl. AF093420:Homo sapiens Hsp70 binding protein HspBP1 mRNA,
35758_at Cluster Incl. AB024301:Homo sapiens mRNA for RuvB-like DNA helicase TIP
37299_at Cluster Incl. J04501:Human muscle glycogen synthase mRNA, complete cds
371_at Z56281 /FEATURE=cds /DEFINITION=HSIRF3MR H.sapiens mRNA for interferon re
- 20 METAGENE 458 :
- 38922_at Cluster Incl. AF097738:Homo sapiens non-receptor tyrosine kinase (TNK1)
40015_at Cluster Incl. AB002301:Human mRNA for KIAA0303 gene, partial cds /cds=(
39358_at Cluster Incl. U37146:Human silencing mediator of retinoid and thyroid h
25 39715_at Cluster Incl. W28214:45f7 Homo sapiens cDNA /gb=W28214 /gi=1308297 /ug=
40791_at Cluster Incl. X63564:H.sapiens mRNA for RNA polymerase II largest subun
33833_at Cluster Incl. J05243:Human nonerythroid alpha-spectrin (SPTAN1) mRNA, c
37767_at Cluster Incl. L12392:Homo sapiens Huntingtons Disease (HD) mRNA, comple
1523_g_at U43408 /FEATURE= /DEFINITION=HSU43408 Human tyrosine kinase (Tnk1)
30 mRN
- 1496_at M34668 /FEATURE= /DEFINITION=HUMPTPAAA Human protein tyrosine phosphatas
1277_at D89016 /FEATURE= /DEFINITION=D89016 Homo sapiens mRNA for Neuroblastoma,
- METAGENE 459 :
- 35 34282_at Cluster Incl. AB010812:Homo sapiens Nrf3 mRNA for NF-E2-related factor
36082_at Cluster Incl. S71326:BGPC=biliary glycoprotein adhesion molecule {alter
547_s_at S77154 /FEATURE= /DEFINITION=S77154 TINUR= NGFI-B/nur77 beta-type
trans

METAGENE 460 :

- 36736_f_at Cluster Incl. Y10275:H.sapiens mRNA for L-3-phosphoserine phosphatase
5 39570_at Cluster Incl. W22289:65G5 Homo sapiens cDNA /clone=(not-directional) /g
 37208_at Cluster Incl. AJ001612:Homo sapiens mRNA for L-3-phosphoserine-phosphat
 37209_g_at Cluster Incl. AJ001612:Homo sapiens mRNA for L-3-phosphoserine-phosph
 32564_at Cluster Incl. AA083129:zn31a06.s1 Homo sapiens cDNA, 3 end /clone=IMAG

10 METAGENE 461 :

- 31737_at Cluster Incl. J00068:Human adult skeletal muscle alpha-actin mRNA /cds=
 32123_at Cluster Incl. L02870:Human alpha-1 type VII collagen (COL7A1) mRNA, com
 38356_at Cluster Incl. M19481:Human follistatin gene /cds=(0,953) /gb=M19481 /gi
15 37028_at Cluster Incl. U83981:Homo sapiens apoptosis associated protein (GADD34)
 37658_at Cluster Incl. L13720:Homo sapiens growth-arrest-specific protein (gas)
 2053_at M34064 /FEATURE= /DEFINITION=HUMNCADH Human N-cadherin mRNA, complete
 cd
 1597_at L13720 /FEATURE= /DEFINITION=HUMGAS Homo sapiens growth-arrest-specific
20 1598_g_at L13720 /FEATURE= /DEFINITION=HUMGAS Homo sapiens growth-arrest-
 specifi
 1573_at M12783 /FEATURE=mRNA /DEFINITION=HUMSISPDG Human c-sis/platelet-derived

METAGENE 462 :

- 25**
 31701_r_at Cluster Incl. X83412:H.sapiens B1 mRNA for mucin /cds=(0,515) /gb=X83
 35879_at Cluster Incl. M77140:H.sapiens pro-galanin mRNA, 3 end /cds=(0,323) /g
 35966_at Cluster Incl. X71125:H.sapiens mRNA for glutamine cyclotransferase /cds
 34765_at Cluster Incl. D13645:Human mRNA for KIAA0020 gene, complete cds /cds=(4
30 38657_s_at Cluster Incl. M20471:Human brain-type clathrin light-chain a mRNA, co

METAGENE 463 :

- 41633_at Cluster Incl. AL050283:Homo sapiens mRNA; cDNA DKFZp586K0919 (from
35 clon
 36564_at Cluster Incl. W27419:31a10 Homo sapiens cDNA /gb=W27419 /gi=1307241 /ug
 37916_at Cluster Incl. AI086057:oz44f07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 37940_f_at Cluster Incl. AA806768:ob91d06.s1 Homo sapiens cDNA /clone=IMAGE-1338
 38686_at Cluster Incl. X71490:H.sapiens mRNA for vacuolar proton ATPase, subunit

- 35753_at Cluster Incl. AB007510:Homo sapiens mRNA for PRP8 protein, complete cds
 37364_at Cluster Incl. U72511:Human B-cell receptor associated protein (hBAP) mR
 771_s_at D00749 /FEATURE=cds /DEFINITION=HUMCD7G3 Human T cell surface antigen C
- 5** 570_at M83221 /FEATURE= /DEFINITION=HUMIRELA Homo sapiens I-Rel mRNA, complete c
 160022_at X03663 /FEATURE=cds /DEFINITION=HSCFMS Human mRNA for c-fms proto-onco
- 10** METAGENE 464 :
- 37205_at Cluster Incl. AB020647:Homo sapiens mRNA for KIAA0840 protein, partial
 35744_at Cluster Incl. D50931:Human mRNA for KIAA0141 gene, complete cds /cds=(8
 1754_at AF006041 /FEATURE= /DEFINITION=AF006041 Homo sapiens Fas-binding protein
- 15** METAGENE 465 :
- 31706_at Cluster Incl. L13283:Homo sapiens (clone MG2-5-12) mucin (MG2) mRNA, co
 38350_f_at Cluster Incl. AF005392:Homo sapiens alpha tubulin (TUBA2) gene, parti
20 40095_at Cluster Incl. J03037:Human carbonic anhydrase II mRNA, complete cds /cd
 41233_at Cluster Incl. AB014888:Homo sapiens mRNA for MRJ, complete cds /cds=(10
 1052_s_at M83667 /FEATURE=mRNA /DEFINITION=HUMNFIL6BA Human NF-IL6-beta protein
 685_f_atK03460 /FEATURE=cds /DEFINITION=HUMTUBA2H Human alpha-tubulin isotype H
- 25** METAGENE 466 :
- 41439_at Cluster Incl. AJ001381:Homo sapiens incomplete cDNA for a mutated allele
 32107_at Cluster Incl. AL050173:Homo sapiens mRNA; cDNA DKFZp586F0422 (from
30 clon
 34246_at Cluster Incl. AA418437:zv92d11.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 35193_at Cluster Incl. AF060219:Homo sapiens RCC1-like G exchanging factor RLG m
 36009_at Cluster Incl. AF091092:Homo sapiens clone 683 unknown mRNA, complete se
 37539_at Cluster Incl. AB023176:Homo sapiens mRNA for KIAA0959 protein, partial
35 39070_at Cluster Incl. U03057:Human actin bundling protein (HSN) mRNA, complete
 39345_at Cluster Incl. AI525834:PT1.3_06_D01.r Homo sapiens cDNA, 5 end /clone_
 39416_at Cluster Incl. U90913:Human clone 23665 mRNA sequence /cds=UNKNOWN
 /gb=U
 39690_at Cluster Incl. AF002282:Homo sapiens alpha-actinin-2 associated LIM prot

- 40113_at Cluster Incl. D87119:Homo sapiens mRNA for GS3955, complete cds /cds=(1
33867_s_at Cluster Incl. X77494:H.sapiens MSSP-2 mRNA /cds=(231,1400) /gb=X77494
36943_r_at Cluster Incl. U81992:Homo sapiens C2H2 zinc finger protein PLAGL1 (PL
37399_at Cluster Incl. D17793:Human mRNA for KIAA0119 gene, complete cds /cds=(5
5 41274_at Cluster Incl. AA908993:ol10d03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
41504_s_at Cluster Incl. AF055376:Homo sapiens short form transcription factor C
1535_at U68723 /FEATURE= /DEFINITION=HSU68723 Human checkpoint suppressor 1 mRNA
717_at D87119 /FEATURE= /DEFINITION=D87119 Homo sapiens mRNA for GS3955, complet
- 10** METAGENE 467 :
- 37117_at Cluster Incl. Z83838:Human DNA sequence from PAC 127B20 on chromosome 2
39668_at Cluster Incl. X95694:H.sapiens mRNA for AP-2 beta transcription factor
41715_at Cluster Incl. Y11312:H.sapiens mRNA for phosphoinositide 3-kinase /cds=
15 35792_at Cluster Incl. U67963:Human lysophospholipase homolog (HU-K5) mRNA, comp
39837_s_at Cluster Incl. AC004877:Homo sapiens PAC clone DJ0751H13 from 7q35-qte
1709_g_at U07620 /FEATURE= /DEFINITION=HSU07620 Human MAP kinase mRNA,
complete
- 20** METAGENE 468 :
- 33875_at Cluster Incl. AI547262:PN001_AH_H03.r Homo sapiens cDNA, 5 end /clone_
36955_at Cluster Incl. U10362:Human GP36b glycoprotein mRNA, complete cds /cds=(
37030_at Cluster Incl. AB020694:Homo sapiens mRNA for KIAA0887 protein, partial
25 41322_s_at Cluster Incl. AI816034:au44e05.x1 Homo sapiens cDNA, 3 end /clone=IM
549_at S80343 /FEATURE= /DEFINITION=S80343 ArgRS=arginyl-tRNA synthetase [human,
- METAGENE 469 :
- 30** 33466_at Cluster Incl. AF038182:Homo sapiens clone 23860 mRNA sequence /cds=UNKN
35922_at Cluster Incl. Y08982:H.sapiens mRNA for synaptonemal complex lateral el
38524_at Cluster Incl. U49184:Human occludin mRNA, complete cds /cds=(167,1735)
32034_at Cluster Incl. AF041259:Homo sapiens breast cancer putative transcriptio
32063_at Cluster Incl. M86546:H.sapiens PBX1a and PBX1b mRNA, complete cds /cds=
35 41783_at Cluster Incl. M97815:Human retinoic acid-binding protein II (CRABP-II)
34863_s_at Cluster Incl. W29030:55c4 Homo sapiens cDNA /gb=W29030 /gi=1308987 /u
36201_at Cluster Incl. D13315:Human mRNA for lactoyl glutathione lyase /cds=(87,
32598_at Cluster Incl. D83018:Homo sapiens mRNA for nel-related protein 2, compl

1079_g_at M31661 /FEATURE= /DEFINITION=HUMPRLR Human prolactin (PRL)
receptor mR
1057_at M97815 /FEATURE=expanded_cds /DEFINITION=HUMCRABP02 Human retinoic acid-

5 METAGENE 470 :

31587_at Cluster Incl. X96969:H.sapiens mRNA for urea transporter /cds=(273,1466
33277_at Cluster Incl. AB028996:Homo sapiens mRNA for KIAA1073 protein, complete
37210_at Cluster Incl. S78296:neurofilament-66 [human, fetal brain, mRNA, 3197 n
10 38371_at Cluster Incl. M64992:Human prosomal protein P30-33K (pros-30) mRNA, com
40973_at Cluster Incl. AI146846:qb92h04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
41584_at Cluster Incl. AF062529:Homo sapiens clone 486790 diphosphoinositol poly
1549_s_at U19557 /FEATURE= /DEFINITION=HSU19557 Human squamous cell carcinoma
an

15

METAGENE 471:

38204_at Cluster Incl. AB007866:Homo sapiens KIAA0406 mRNA, complete cds /cds=(1
38501_s_at Cluster Incl. U37139:Human beta 3-endonexin mRNA, long form and short
20 33737_f_at Cluster Incl. AI871359:wl81b11.x1 Homo sapiens cDNA, 3 end /clone=IM
35246_at Cluster Incl. U18934:Human receptor tyrosine kinase (DTK) mRNA, complet
35993_s_at Cluster Incl. AI698103:we20h11.x1 Homo sapiens cDNA, 3 end /clone=IM
38324_at Cluster Incl. AD000684:Homo sapiens DNA from chromosome 19-cosmid R3087
32753_at Cluster Incl. D13642:Human mRNA for KIAA0017 gene, complete cds /cds=(1
25 32825_at Cluster Incl. Y10805:H.sapiens mRNA for arginine methyltransferase, spl
2086_s_at D17517 /FEATURE= /DEFINITION=HUMSKY Human sky mRNA for Sky,
complete c

METAGENE 472 :

30

38518_at Cluster Incl. Y18004:Homo sapiens mRNA for SCML2 protein /cds=(91,2193)
40303_at Cluster Incl. U85658:Human transcription factor ERF-1 mRNA, complete cd
31836_at Cluster Incl. L34600:Human nuclear-encoded mitochondrial initiation fac
32674_at Cluster Incl. D83032:Homo sapiens mRNA for nuclear protein, NP220, comp
35 34276_at Cluster Incl. AB023197:Homo sapiens mRNA for KIAA0980 protein, partial
34739_at Cluster Incl. W26023:18c3 Homo sapiens cDNA /gb=W26023 /gi=1306308 /ug=
36849_at Cluster Incl. U90920:Human PTPL1-associated RhoGAP mRNA, complete cds /
37229_at Cluster Incl. U49844:Human FRAP-related protein (FRP1) mRNA, complete c
37561_at Cluster Incl. AL031778:dJ34B21.4.1 (nuclear transcription factor Y, alp

- 37895_at Cluster Incl. D87969:Homo sapiens mRNA for CMP-sialic acid transporter,
 38256_s_at Cluster Incl. W21827:57E11 Homo sapiens cDNA /clone=(not-directional)
 38684_at Cluster Incl. AJ010953:Homo sapiens mRNA for putative Ca2+-transporting
 40810_at Cluster Incl. U66615:Human SWI/SNF complex 155 KDa subunit (BAF155) mRN
 5 33357_at Cluster Incl. AB011159:Homo sapiens mRNA for KIAA0587 protein, complete
 33373_at Cluster Incl. AL049951:Homo sapiens mRNA; cDNA DKFZp564O0122 (from
 clon
 33852_at Cluster Incl. M77142:Human polyadenylate binding protein (TIA-1) mRNA,
 34372_at Cluster Incl. AB002310:Human mRNA for KIAA0312 gene, partial cds /cds=(
 10 35764_at Cluster Incl. Y15164:Homo sapiens mRNA for protein encoded by exorf5 (7
 37312_at Cluster Incl. D50917:Human mRNA for KIAA0127 gene, complete cds /cds=(2
 37678_at Cluster Incl. U23070:Human putative transmembrane protein (nma) mRNA, c
 38086_at Cluster Incl. AB007935:Homo sapiens mRNA for KIAA0466 protein, partial
 860_at U03911 /FEATURE= /DEFINITION=HSU03911 Human mutator gene (hMSH2) mRNA,
 15 co
 525_g_at U13695 /FEATURE=cds /DEFINITION=HSU13695 Human homolog of yeast
 mutL (h
 METAGENE 473 :
 20
 40024_at Cluster Incl. D86640:Homo sapiens mRNA for stac, complete cds /cds=(39,
 34771_at Cluster Incl. AF035959:Homo sapiens type-2 phosphatidic acid phosphatas
 38248_at Cluster Incl. AB011124:Homo sapiens mRNA for KIAA0552 protein, complete
 38249_at Cluster Incl. Z97632:dJ196E23.1.1 (novel protein) (isoform 1) /cds=(155
 25 34395_at Cluster Incl. AB002352:Human mRNA for KIAA0354 gene, complete cds /cds=
 35276_at Cluster Incl. AB000712:Homo sapiens hCPE-R mRNA for CPE-receptor, compl
 METAGENE 474 :
 30 32883_at Cluster Incl. X77744:H.sapiens F11 mRNA /cds=UNKNOWN /gb=X77744
 /gi=456
 32640_at Cluster Incl. M24283:Human major group rhinovirus receptor (HRV) mRNA,
 41199_s_at Cluster Incl. W27050:19f7 Homo sapiens cDNA /gb=W27050 /gi=1306422 /u
 32230_at Cluster Incl. U39067:Homo sapiens translation initiation factor eIF3 p3
 35 38791_at Cluster Incl. D29643:Human mRNA for KIAA0115 gene, complete cds /cds=(1
 1644_at U36764 /FEATURE= /DEFINITION=HSU36764 Human TGF-beta receptor interactin

METAGENE 475 :

34122_at Cluster Incl. AF027807:Homo sapiens beta-casein (CSN2) gene, complete c
 34612_at Cluster Incl. L13220:Homo sapiens calbindin D-9k mRNA, complete cds /cd
 41101_at Cluster Incl. D87464:Human mRNA for KIAA0274 gene, complete cds /cds=(1
 32124_at Cluster Incl. AL030996:dJ1189B24.4 (novel PUTATIVE protein similar to h

5

METAGENE 476 :

41864_at Cluster Incl. AF052181:Homo sapiens clone 24790 mRNA sequence /cds=UNKN
 38997_at Cluster Incl. X96924:H.sapiens gene encoding mitochondrial citrate tran
 10 1145_g_at Fibroblast Growth Factor Receptor K-Sam, Alt. Splice 4, K-Sam IV -

METAGENE 477 :

37855_at Cluster Incl. M95767:Homo sapiens di-N-acetylchitobiase mRNA, complete
 15 41063_g_at Cluster Incl. AA037278:zc52c04.r1 Homo sapiens cDNA, 5 end /clone=IM
 37915_at Cluster Incl. AL080173:Homo sapiens mRNA; cDNA DKFZp434H071 (from
 clone
 36096_at Cluster Incl. AL080222:Homo sapiens mRNA; cDNA DKFZp566D1146 (from
 clon
 20 33122_at Cluster Incl. N95393:zb68c09.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-

METAGENE 478 :

41620_at Cluster Incl. AB018259:Homo sapiens mRNA for KIAA0716 protein, complete
 25 35172_at Cluster Incl. AF049891:Homo sapiens tyrosylprotein sulfotransferase-2 m
 37598_at Cluster Incl. D79990:Human mRNA for KIAA0168 gene, complete cds /cds=(1
 37966_at Cluster Incl. AA187563:zp66g11.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 32826_at Cluster Incl. AJ133133:Homo sapiens mRNA for ecto-ATP diphosphohydrolas
 1424_s_at D78577 /FEATURE=expanded_cds /DEFINITION=D78576S2 Human DNA for
 30 14-3-3

METAGENE 479 :

37160_at Cluster Incl. M19888:Human small proline rich protein (spr1) mRNA, clon
 35 39310_at Cluster Incl. X86163:H.sapiens mRNA for B2-bradykinin receptor, 3 /cds=
 39632_at Cluster Incl. X75308:H.sapiens mRNA for collagenase 3 /cds=(4,1419) /gb
 35726_at Cluster Incl. AI539439:te51e07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 32818_at Cluster Incl. X78565:H.sapiens mRNA for tenascin-C, 7560bp /cds=(313,69
 2027_at M87068 /FEATURE= /DEFINITION=HUMCAN H.sapiens CaN19 mRNA sequence

160031_at X63629 /FEATURE=cds /DEFINITION=HSPCAD H.sapiens mRNA for p
cadherin /

METAGENE 480 :

5

35375_at Cluster Incl. AJ011311:Homo sapiens mRNA for AP endonuclease XTH2, puta
41467_at Cluster Incl. AF070071:Homo sapiens MutS homolog (MSH5) mRNA, complete
37555_at Cluster Incl. X95263:H.sapiens mRNA for PWP2 protein /cds=(31,2790) /gb
37603_at Cluster Incl. X52015:H.sapiens mRNA for interleukin-1 receptor antagoni
10 32828_at Cluster Incl. AF026548:Homo sapiens branched chain alpha-ketoacid dehyd
966_at X97795 /FEATURE=cds /DEFINITION=HSRAD54 H.sapiens mRNA homologous to S. c

METAGENE 481 :

15 33362_at Cluster Incl. AF094521:Homo sapiens MSE55-related protein (UB1) mRNA, c
39143_at Cluster Incl. U08015:Human NF-ATc mRNA, complete cds /cds=(239,2389) /g
32607_at Cluster Incl. AF039656:Homo sapiens neuronal tissue-enriched acidic pro
1327_s_at U67156 /FEATURE= /DEFINITION=HSU67156 Human mitogen-activated kinase
k

20

METAGENE 482 :

34082_at Cluster Incl. W28356:48e3 Homo sapiens cDNA /gb=W28356 /gi=1308511 /ug=
35413_s_at Cluster Incl. AA258092:zs30g01.r1 Homo sapiens cDNA, 5 end /clone=IM
25 35419_g_at Cluster Incl. J04178:Human abnormal beta-hexosaminidase alpha chain (
35436_at Cluster Incl. L06147:Human (clone SY11) golgin-95 mRNA, complete cds /c
35439_at Cluster Incl. D26121:Human mRNA for ZFM1 protein alternatively spliced
37113_at Cluster Incl. AF022795:Homo sapiens TGF beta receptor associated protei
37491_at Cluster Incl. D90359:Human CCG1 mRNA /cds=(51,5669) /gb=D90359 /gi=5593
30 38962_at Cluster Incl. AB002296:Human mRNA for KIAA0298 gene, complete cds /cds=
39231_at Cluster Incl. AF006513:Homo sapiens CHD1 mRNA, complete cds /cds=(163,5
40343_at Cluster Incl. AJ005814:Homo sapiens mRNA for hoxA7 protein /cds=(106,79
40645_at Cluster Incl. L33801:Human protein kinase mRNA, complete cds /cds=(39,1
41091_at Cluster Incl. U05237:Human fetal Alz-50-reactive clone 1 (FAC1) mRNA, c
35 32129_at Cluster Incl. AL079314:Homo sapiens mRNA full length insert cDNA clone
34211_at Cluster Incl. AL079697:DKFZp434E1930_r1 Homo sapiens cDNA, 5 end /clon
34234_f_at Cluster Incl. AI688640:wd40b07.x1 Homo sapiens cDNA, 3 end /clone=IM
34279_at Cluster Incl. AL050141:Homo sapiens mRNA; cDNA DKFZp586O031 (from
clone

- 37935_at Cluster Incl. AF016369:Homo sapiens U4/U6 small nuclear ribonucleoprote
- 32800_at Cluster Incl. U66306:Human retinoid X receptor alpha mRNA, 3 UTR, parti
- 33381_at Cluster Incl. AF012108:Homo sapiens Amplified in Breast Cancer (AIB1) m
- 33404_at Cluster Incl. U02390:Human adenylyl cyclase-associated protein homolog
- 5 36210_g_at Cluster Incl. S78771:NAT=CpG island-associated gene [human, mRNA, 174
- 36999_at Cluster Incl. S66431:RBP2=retinoblastoma binding protein 2 [human, Nalm
- 39518_at Cluster Incl. H97470:yw11b04.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 39540_at Cluster Incl. AF000561:Homo sapiens TTF-I interacting peptide 21 mRNA,
- 39844_at Cluster Incl. AI806379:wf27b10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 10 40581_at Cluster Incl. U42390:Homo sapiens Trio mRNA, complete cds /cds=(66,8651
- 40990_at Cluster Incl. AF065389:Homo sapiens tetraspan NET-4 mRNA, complete cds
- 41591_at Cluster Incl. AI652978:wb42a05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 32509_at Cluster Incl. AI307607:tb15h10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 1253_at L33801 /FEATURE= /DEFINITION=HUMGLSYKIN Human protein kinase mRNA,
- 15 compl
- 1124_at L04731 /FEATURE= /DEFINITION=HUMTRLALL1 Homo sapiens translocation T(4:1
- 693_g_at Adenylyl Cyclase-Associated Protein 2
- 199_s_at U33052 /FEATURE= /DEFINITION=HSU33052 Human lipid-activated, protein
- ki
- 20
- METAGENE 483 :
- 39966_at Cluster Incl. AF059274:Homo sapiens neuroglycan C mRNA, complete cds /c
- 41652_at Cluster Incl. AL031228:dJ1033B10.12 (collagen, type XI, alpha 2 (COL11A
- 25 33809_at Cluster Incl. AL049933:Homo sapiens mRNA; cDNA DKFZp564K1216 (from
- clon
- 34721_at Cluster Incl. U42031:Human 54 kDa progesterone receptor-associated immu
- 35185_at Cluster Incl. AJ002962:Homo sapiens mRNA for hB-FABP /cds=(76,474) /gb=
- 34848_at Cluster Incl. X69141:H.sapiens mRNA for squalene synthase /cds=(91,1344
- 30
- METAGENE 484 :
- 31671_at Cluster Incl. D82351:Human retropseudogene MSSP-1 DNA, complete cds /cd
- 31672_g_at Cluster Incl. D82351:Human retropseudogene MSSP-1 DNA, complete cds /
- 35 34110_g_at Cluster Incl. AF010310:Homo sapiens p53 induced protein mRNA, partial
- 38945_at Cluster Incl. X78710:H.sapiens MTF-1 mRNA for metal-regulatory transcri
- 41449_at Cluster Incl. AJ000534:Homo sapiens mRNA for epsilon-sarcoglycan /cds=(
- 32073_at Cluster Incl. AB014577:Homo sapiens mRNA for KIAA0677 protein, complete
- 33705_at Cluster Incl. L20971:Human phosphodiesterase mRNA, complete cds /cds=(7

- 34176_at Cluster Incl. AF091087:Homo sapiens clone 643 unknown mRNA, complete se
 34845_at Cluster Incl. AL035398:Human DNA sequence from clone 796I17 on chromoso
 36680_at Cluster Incl. M24895:Homo sapiens alpha-amylase mRNA, complete cds /cds
 40614_at Cluster Incl. X75342:H.sapiens SHB mRNA /cds=(310,2100) /gb=X75342 /gi=
 .5 754_s_at D87002 /FEATURE=cds#1 /DEFINITION=D87002 Homo sapiens
 immunoglobulin la
 333_s_at Single-Stranded Dna-Binding Protein Mssp-1
- METAGENE 485 :
- 10 33693_at Cluster Incl. M76482:Human 130-kD pemphigus vulgaris antigen mRNA, comp
 37473_at Cluster Incl. AF061812:Homo sapiens keratin 16 (KRT16A) mRNA, complete
 38489_at Cluster Incl. M60047:Human heparin binding protein (HBp17) mRNA, comple
 34281_at Cluster Incl. AF039555:Homo sapiens visinin-like protein 1 (VSNL1) mRNA
 15 38608_at Cluster Incl. AA010777:ze22f06.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 39015_f_at Cluster Incl. L42611:Homo sapiens keratin 6 isoform K6e (KRT6E) mRNA,
 39016_r_at Cluster Incl. L42611:Homo sapiens keratin 6 isoform K6e (KRT6E) mRNA,
 601_s_at M28439 /FEATURE=cds /DEFINITION=HUMKER16A8 Human keratin type 16
 gene,
- 20 METAGENE 486 :
- 35141_at Cluster Incl. Z97029:Homo sapiens mRNA for ribonuclease H I large subun
 36968_s_at Cluster Incl. AL050353:Homo sapiens mRNA; cDNA DKFZp547C0410 (from cl
 25 39094_at Cluster Incl. AI991631:wr12h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40255_at Cluster Incl. AC004531:Homo sapiens Chromosome 16 BAC clone CIT987SK-A-
 32589_at Cluster Incl. U20979:Human chromatin assembly factor-I p150 subunit mRN
 1797_at U40343 /FEATURE= /DEFINITION=HSU40343 Human CDK inhibitor p19INK4d
 mRNA,
- 30 METAGENE 487 :
- 37133_at Cluster Incl. AF027406:Homo sapiens muscle-specific serine kinase 1 (MS
 38261_at Cluster Incl. AF085692:Homo sapiens multidrug resistance-associated pro
 35 34382_at Cluster Incl. AJ003112:Homo sapiens mRNA for doublecortin /cds=(415,149
 1930_at U83659 /FEATURE= /DEFINITION=HSU83659 Human multidrug resistance-associa
- METAGENE 488 :

- 32879_at Cluster Incl. AL080233:Homo sapiens mRNA; cDNA DKFZp586L111 (from clone
- 38691_s_at Cluster Incl. J03553:Human pulmonary surfactant protein (SP5) mRNA, c
- 40957_at Cluster Incl. D63881:Human mRNA for KIAA0160 gene, partial cds /cds=(0,
- 5**
- METAGENE 489 :
- 31734_at Cluster Incl. AJ000041:Homo sapiens mRNA for HOXC11 /cds=(44,958) /gb=A
- 32444_at Cluster Incl. X69392:H.sapiens mRNA for ribosomal protein L26 /cds=(6,4
- 10** 36446_s_at Cluster Incl. L24521:Human transformation-related protein mRNA, 3 en
- 32272_at Cluster Incl. K00558:human alpha-tubulin mRNA, complete cds /cds=(67,14
- 33458_r_at Cluster Incl. AI688098:wc92f08.x1 Homo sapiens cDNA, 3 end /clone=IM
- 37152_at Cluster Incl. L07592:Human peroxisome proliferator activated receptor m
- 37827_r_at Cluster Incl. AJ237839:Homo sapiens mRNA for hypothetical protein /cd
- 15** 41663_at Cluster Incl. AF038202:Homo sapiens clone 23570 mRNA sequence /cds=UNKN
- 31885_at Cluster Incl. M64572:Human protein tyrosine phosphatase mRNA, complete
- 33262_at Cluster Incl. M31659:Human GT mitochondrial solute carrier protein homo
- 36517_at Cluster Incl. M96982:Homo sapiens U2 snRNP auxiliary factor small subun
- 39767_at Cluster Incl. D13627:Human mRNA for KIAA0002 gene, complete cds /cds=(2
- 20** 40124_at Cluster Incl. Y18418:Homo sapiens mRNA for erythrocyte cytosolic protei
- 40418_at Cluster Incl. X74262:H.sapiens RbAp48 mRNA encoding retinoblastoma bind
- 40881_at Cluster Incl. X64330:H.sapiens mRNA for ATP-citrate lyase /cds=(84,3401
- 41224_at Cluster Incl. AB018331:Homo sapiens mRNA for KIAA0788 protein, partial
- 32853_at Cluster Incl. AB018262:Homo sapiens mRNA for KIAA0719 protein, complete
- 25** 33859_at Cluster Incl. U96915:Homo sapiens sin3 associated polypeptide p18 (SAP1
- 34891_at Cluster Incl. AI540958:PEC1.2_15_H01.r Homo sapiens cDNA, 5 end /clone
- 36572_r_at Cluster Incl. D31885:Human mRNA for KIAA0069 gene, partial cds /cds=(
- 36620_at Cluster Incl. X02317:Human mRNA for Cu/Zn superoxide dismutase (SOD) /c
- 37050_r_at Cluster Incl. AI130910:qb81g08.x1 Homo sapiens cDNA, 3 end /clone=IM
- 30** 37670_at Cluster Incl. J04543:Human synexin mRNA, complete cds /cds=(60,1460) /g
- 37686_s_at Cluster Incl. Y09008:H.sapiens mRNA for uracil-DNA glycosylase /cds=(
- 38485_at Cluster Incl. AA760866:nz14h07.s1 Homo sapiens cDNA /clone=IMAGE-128780
- 39127_f_at Cluster Incl. X73478:H.sapiens hPTPA mRNA /cds=(189,1160) /gb=X73478
- 35** METAGENE 490 :
- 35635_at Cluster Incl. AL080202:Homo sapiens mRNA; cDNA DKFZp434F172 (from clone
- 37908_at Cluster Incl. U31384:Human G protein gamma-11 subunit mRNA, complete cd

41767_r_at Cluster Incl. AB020662:Homo sapiens mRNA for KIAA0855 protein, partia
 34884_at Cluster Incl. D90282:Human carbamyl phosphate synthetase I (EC 6.3.4.16)

METAGENE 491 :

5

34473_at Cluster Incl. AF051151:Homo sapiens Toll/interleukin-1 receptor-like pr
 35425_at Cluster Incl. AJ243512:Homo sapiens mRNA for Barx2 protein (Barx2 gene)
 39580_at Cluster Incl. AB014549:Homo sapiens mRNA for KIAA0649 protein, complete
 41372_at Cluster Incl. AB020638:Homo sapiens mRNA for KIAA0831 protein, complete
 10 41389_s_at Cluster Incl. U46193:Human renal cell carcinoma antigen RAGE-3 mRNA,
 31852_at Cluster Incl. AL050390:Homo sapiens mRNA; cDNA DKFZp564O043 (from
 clone
 32139_at Cluster Incl. Y09538:H.sapiens mRNA for ZNF185 gene /cds=(40,1398) /gb=
 35253_at Cluster Incl. AB011143:Homo sapiens mRNA for KIAA0571 protein, complete
 15 35719_at Cluster Incl. AB011178:Homo sapiens mRNA for KIAA0606 protein, partial
 37230_at Cluster Incl. AB007938:Homo sapiens mRNA for KIAA0469 protein, complete
 39771_at Cluster Incl. AB018283:Homo sapiens mRNA for KIAA0740 protein, complete
 40087_at Cluster Incl. AF020202:Homo sapiens Munc13 mRNA, complete cds /cds=(224
 32172_at Cluster Incl. AL096858:Novel human gene mapping to chromosome 1 /cds=(33
 20 32205_at Cluster Incl. AF072860:Homo sapiens protein activator of the interferon
 33895_at Cluster Incl. AL050373:Homo sapiens mRNA; cDNA DKFZp586F1318 (from
 clon
 34355_at Cluster Incl. AJ132917:Homo sapiens mRNA for methyl-CpG-binding protein
 35279_at Cluster Incl. U33821:Human tax1-binding protein TXBP151 mRNA, complete
 25 36588_at Cluster Incl. AB018353:Homo sapiens mRNA for KIAA0810 protein, partial
 36689_at Cluster Incl. AL040446:DKFZp434D1414_r1 Homo sapiens cDNA, 5 end /clon
 36960_at Cluster Incl. U89278:Human polyhomeotic 2 homolog (HPH2) mRNA, complete
 40175_at Cluster Incl. AI141670:ot08b12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 40242_at Cluster Incl. L36529:Human (clone N5-4) protein p84 mRNA, complete cds
 30 1787_at U22398 /FEATURE= /DEFINITION=HSU22398 Human Cdk-inhibitor p57KIP2 (KIP2)

METAGENE 492 :

34075_at Cluster Incl. AJ001019:Homo sapiens mRNA for RNF3A (DONG1) ring finger
 35 34169_s_at Cluster Incl. U57627:Human fetal brain oculocerebrorenal syndrome (OC
 35039_at Cluster Incl. D87466:Human mRNA for KIAA0276 gene, partial cds /cds=(0,
 41003_at Cluster Incl. U41816:Human C-1 mRNA, complete cds /cds=(11,403) /gb=U41
 31854_at Cluster Incl. AF035582:Homo sapiens CASK mRNA, complete cds /cds=(15,27
 31883_at Cluster Incl. AF025794:Homo sapiens methionine synthase reductase (MTRR

	32051_at	Cluster Incl. AJ224875:Homo sapiens mRNA for putative glucosyltransferase
	32059_at	Cluster Incl. U79282:Human clone 23801 mRNA sequence /cds=UNKNOWN
	/gb=U	
	36031_at	Cluster Incl. AB024401:Homo sapiens mRNA for p33, complete cds /cds=(45
5	36527_at	Cluster Incl. AL050405:Novel human gene mapping to chromosome X /cds=(39
	39064_at	Cluster Incl. L38928:Homo sapiens 5,10-methenyltetrahydrofolate synthetase
	39387_at	Cluster Incl. U34044:Human selenium donor protein (selD) mRNA, complete
	39435_at	Cluster Incl. D45333:HUMHG7879 Homo sapiens cDNA /gb=D45333
	/gi=1136736	
10	40816_at	Cluster Incl. L07758:Human IEF SSP 9502 mRNA, complete cds /cds=(87,159
	40826_at	Cluster Incl. M80359:Human protein p78 mRNA, complete cds /cds=(171,231
	40865_at	Cluster Incl. U51166:Human G/T mismatch-specific thymine DNA glycosylase
	41757_at	Cluster Incl. W25933:15b2 Homo sapiens cDNA /gb=W25933 /gi=1306056 /ug=
	41780_at	Cluster Incl. U22816:Human LAR-interacting protein 1b mRNA, complete cd
15	32171_at	Cluster Incl. AL080102:Homo sapiens mRNA; cDNA DKFZp564N1916 (from
	clon	
	32196_at	Cluster Incl. AB020636:Homo sapiens mRNA for KIAA0829 protein, partial
	32221_at	Cluster Incl. AL050361:Homo sapiens mRNA; cDNA DKFZp564H0223 (from
	clon	
20	33389_at	Cluster Incl. U23942:Human lanosterol 14-demethylase cytochrome P450 (C
	33930_at	Cluster Incl. AB020724:Homo sapiens mRNA for KIAA0917 protein, partial
	34813_at	Cluster Incl. AL079283:Homo sapiens mRNA full length insert cDNA clone
	34825_at	Cluster Incl. AL031775:dJ30M3.3 (novel protein similar to C. elegans Y6
	35838_at	Cluster Incl. U90919:Human clones 23667 and 23775 zinc finger protein m
25	36186_at	Cluster Incl. L37368:Human (clone E5.1) RNA-binding protein mRNA, compl
	36655_at	Cluster Incl. L27476:Human X104 mRNA, complete cds /cds=(79,3429) /gb=L
	37007_at	Cluster Incl. U49188:Human placenta (Diff33) mRNA, complete cds /cds=(1
	37651_at	Cluster Incl. D31888:Human mRNA for KIAA0071 gene, partial cds /cds=(0,
	37703_at	Cluster Incl. Y08201:Homo sapiens mRNA for rab geranylgeranyl transferase
30	37736_at	Cluster Incl. D13892:Human mRNA for carboxyl methyltransferase, complet
	38443_at	Cluster Incl. U79291:Human clone 23721 mRNA sequence /cds=UNKNOWN
	/gb=U	
	38455_at	Cluster Incl. AL049650:dJ734P14.2.1 (snRNP (small nuclear ribonucleopro
	41579_s_at	Cluster Incl. AI952267:wx50d11.x1 Homo sapiens cDNA, 3' end /clone=IM
35	41595_at	Cluster Incl. AB023164:Homo sapiens mRNA for KIAA0947 protein, partial
	41823_at	Cluster Incl. AJ132258:Homo sapiens mRNA for staufen protein, partial /
	1394_at	L25080 /FEATURE= /DEFINITION=HUMRH0AA Homo sapiens GTP-binding protein (
	1188_g_at	X84740 /FEATURE=mRNA /DEFINITION=HSDNALIG3 H.sapiens mRNA for
	DNA liga	

379_at AB006679 /FEATURE= /DEFINITION=AB006679 Homo sapiens mRNA for ATP binding

METAGENE 493 :

- 5** 39260_at Cluster Incl. U59185:Human putative monocarboxylate transporter (MCT) m
 39003_at Cluster Incl. Z50022:H.sapiens mRNA for surface glycoprotein /cds=(93,6
 34329_at Cluster Incl. N25547:yx76e06.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 38370_at Cluster Incl. U90902:Human clone 23612 mRNA sequence /cds=UNKNOWN
 /gb=U

10

METAGENE 494 :

- 31936_s_at Cluster Incl. AB007890:Homo sapiens KIAA0430 mRNA, complete cds /cds=
 33543_s_at Cluster Incl. U77718:Human desmosome associated protein pinin mRNA, c
15 34445_at Cluster Incl. AB007940:Homo sapiens mRNA for KIAA0471 protein, complete
 37819_at Cluster Incl. AF007130:Homo sapiens clone 23750 unknown mRNA, partial c
 38892_at Cluster Incl. D87077:Human mRNA for KIAA0240 gene, partial cds /cds=(0,
 40308_at Cluster Incl. AI830496:wh51h03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41379_at Cluster Incl. AB011166:Homo sapiens mRNA for KIAA0594 protein, partial
20 41436_at Cluster Incl. AJ224901:Homo sapiens mRNA for ZNF198 protein /cds=(184,4
 41621_i_at Cluster Incl. AA868898:ak55b08.s1 Homo sapiens cDNA, 3 end /clone=IM
 41638_at Cluster Incl. D38552:Human mRNA for KIAA0073 gene, partial cds /cds=(0,
 41690_at Cluster Incl. AL049471:Homo sapiens mRNA; cDNA DKFZp586N012 (from
 clone
25 41710_at Cluster Incl. AL079277:Homo sapiens mRNA full length insert cDNA clone
 31851_at Cluster Incl. AJ224819:Homo sapiens mRNA for candidate tumor suppressor
 32085_at Cluster Incl. AB023198:Homo sapiens mRNA for KIAA0981 protein, partial
 33297_at Cluster Incl. AL031778:dJ34B21.3 (PUTATIVE novel protein) /cds=(297,557
 34196_at Cluster Incl. AI337901:qt34f05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
30 34269_at Cluster Incl. AL050102:Homo sapiens mRNA; cDNA DKFZp586F1019 (from
 clon
 34657_at Cluster Incl. AB014529:Homo sapiens mRNA for KIAA0629 protein, partial
 35163_at Cluster Incl. AB028964:Homo sapiens mRNA for KIAA1041 protein, complete
 36845_at Cluster Incl. D50926:Human mRNA for KIAA0136 gene, partial cds /cds=(0,
35 36860_at Cluster Incl. AB028987:Homo sapiens mRNA for KIAA1064 protein, partial
 37617_at Cluster Incl. U90912:Human clone 23865 mRNA sequence /cds=UNKNOWN
 /gb=U
 38357_at Cluster Incl. AL049321:Homo sapiens mRNA; cDNA DKFZp564D156 (from
 clone

	38667_at	Cluster Incl. AA189161:zq45g01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	39065_s_at	Cluster Incl. D83077:Homo sapiens mRNA for TPRD, complete cds /cds=(1
	39434_at	Cluster Incl. AB011164:Homo sapiens mRNA for KIAA0592 protein, partial
	39797_at	Cluster Incl. AB002347:Human mRNA for KIAA0349 gene, partial cds /cds=(
5	40404_s_at	Cluster Incl. U18291:Human CDC16Hs mRNA, complete cds /cds=(24,1883)
	40431_at	Cluster Incl. AB007891:Homo sapiens KIAA0431 mRNA, partial cds /cds=(96
	40453_s_at	Cluster Incl. U30826:Human splicing factor SRp40-1 (SRp40) mRNA, comp
	40485_at	Cluster Incl. AA176780:zp32a10.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	40786_at	Cluster Incl. U37352:Human protein phosphatase 2A Balphal regulatory su
10	40828_at	Cluster Incl. D63476:Human mRNA for KIAA0142 gene, complete cds /cds=(4
	41129_at	Cluster Incl. D26067:Human mRNA for KIAA0033 gene, partial cds /cds=(0,
	41174_at	Cluster Incl. AF012086:Homo sapiens Ran binding protein 2 (RanBP2alpha)
	41179_at	Cluster Incl. AB029023:Homo sapiens mRNA for KIAA1100 protein, complete
	41784_at	Cluster Incl. AL080186:Homo sapiens mRNA; cDNA DKFZp564B0769 (from
15	clon	
	32160_at	Cluster Incl. U76247:Human hSIAH1 mRNA, complete cds /cds=(186,1034) /g
	32183_at	Cluster Incl. M74002:Human arginine-rich nuclear protein mRNA, complete
	32187_at	Cluster Incl. AB028973:Homo sapiens mRNA for KIAA1050 protein, partial
	32219_at	Cluster Incl. D50927:Human mRNA for KIAA0137 gene, complete cds /cds=(1
20	33457_at	Cluster Incl. AB029028:Homo sapiens mRNA for KIAA1105 protein, partial
	33817_at	Cluster Incl. S63912:D10S102=FBRNP [human, fetal brain, mRNA, 3043 nt]
	33835_at	Cluster Incl. AB018264:Homo sapiens mRNA for KIAA0721 protein, partial
	34353_at	Cluster Incl. AB014548:Homo sapiens mRNA for KIAA0648 protein, partial
	34411_at	Cluster Incl. Y10387:H.sapiens mRNA for PAPS synthetase /cds=(36,1910)
25	34804_at	Cluster Incl. AL049246:Homo sapiens mRNA; cDNA DKFZp564C053 (from
	clone	
	35268_at	Cluster Incl. AL050171:Homo sapiens mRNA; cDNA DKFZp586F1122 (from
	clon	
	35289_at	Cluster Incl. AJ011679:Homo sapiens mRNA for Rab6 GTPase activating pro
30	35317_at	Cluster Incl. AB014579:Homo sapiens mRNA for KIAA0679 protein, partial
	36133_at	Cluster Incl. AL031058:Human DNA sequence from clone 512B11 on chromoso
	36628_at	Cluster Incl. L42542:Human RLIP76 protein mRNA, complete cds /cds=(223,
	36636_at	Cluster Incl. M12267:Human ornithine aminotransferase mRNA, complete cd
	36946_at	Cluster Incl. D86550:Human mRNA for serine/threonine protein kinase, co
35	37034_at	Cluster Incl. U73477:Human acidic nuclear phosphoprotein pp32 mRNA, com
	37694_at	Cluster Incl. D87685:Human mRNA for KIAA0244 gene, partial cds /cds=(0,
	37718_at	Cluster Incl. D43636:Human mRNA for KIAA0096 gene, partial cds /cds=(0,
	38050_at	Cluster Incl. D79986:Human mRNA for KIAA0164 gene, complete cds /cds=(2
	38062_at	Cluster Incl. D87467:Human mRNA for KIAA0277 gene, complete cds /cds=(5

- 38073_at Cluster Incl. AB007858:Homo sapiens KIAA0398 mRNA, complete cds /cds=(1
38102_at Cluster Incl. W28575:51f12 Homo sapiens cDNA /gb=W28575 /gi=1308730 /ug
38105_at Cluster Incl. W26521:32g11 Homo sapiens cDNA /gb=W26521 /gi=1307382 /ug
38764_at Cluster Incl. AF007142:Homo sapiens clone 23938 mRNA sequence /cds=UNKN
5 38818_at Cluster Incl. Y08685:H.sapiens mRNA for serine palmitoyltransferase, su
38837_at Cluster Incl. W26226:22e3 Homo sapiens cDNA /gb=W26226 /gi=1306637 /ug=
38843_at Cluster Incl. AL079310:Novel human gene mapping to chromosome 22 /cds=(5
39091_at Cluster Incl. AF070523:Homo sapiens JWA protein mRNA, complete cds /cds
39117_at Cluster Incl. AB014562:Homo sapiens mRNA for KIAA0662 protein, partial
10 39131_at Cluster Incl. N36842:yy35g03.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
39132_at Cluster Incl. AB010882:Homo sapiens mRNA for hSNF2H, complete cds /cds=
39163_at Cluster Incl. W27233:24b7 Homo sapiens cDNA /gb=W27233 /gi=1306749 /ug=
39507_at Cluster Incl. AL050366:Homo sapiens mRNA; cDNA DKFZp564A126 (from
clone
15 39897_at Cluster Incl. N36997:yy39g07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
41283_at Cluster Incl. AF052131:Homo sapiens clone 23930 mRNA sequence /cds=UNKN
41529_g_at Cluster Incl. W72239:zd62h08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
41808_at Cluster Incl. AF052102:Homo sapiens clone 23926 mRNA sequence /cds=UNKN
41836_at Cluster Incl. U94836:Human ERPROT 213-21 mRNA, complete cds /cds=(88,27
20 33125_at Cluster Incl. AL043470:DKFZp434A0327_s1 Homo sapiens cDNA, 3 end /clon
2063_at L20046 /FEATURE= /DEFINITION=HUMERCC5A Human ERCC5 excision repair prote
1512_at D86550 /FEATURE= /DEFINITION=D86550 Human mRNA for serine/threonine prot
176_at U37352 /FEATURE= /DEFINITION=HSU37352 Human protein phosphatase 2A B alph
25 METAGENE 495 :

31514_at Cluster Incl. AF034970:Homo sapiens docking protein (DOK-2) mRNA, compl
33085_at Cluster Incl. U64863:Human hPD-1 (hPD-1) mRNA, complete cds /cds=(68,93
36372_at Cluster Incl. U51333:Human hexokinase III (HK3) mRNA, complete cds /cds
30 36798_g_at Cluster Incl. J04168:Human leukosialin mRNA, complete cds /cds=(95,12
37148_at Cluster Incl. AF025533:Homo sapiens leucocyte immunoglobulin-like recep
40327_at Cluster Incl. U57052:Human Hoxb-13 mRNA, complete cds /cds=(54,908) /gb
40668_s_at Cluster Incl. U34624:Human T cell surface glycoprotein CD-6 mRNA, com
40712_at Cluster Incl. D26579:Homo sapiens mRNA for transmembrane protein, compl
35 41718_g_at Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8
34293_at Cluster Incl. AF004426:Homo sapiens microtubule-based motor (HsKIFC3) m
36008_at Cluster Incl. AF041434:Homo sapiens potentially prenylated protein tyro
36052_at Cluster Incl. U43959:Human beta 4 adducin mRNA, alternatively spliced p
37238_s_at Cluster Incl. AF014118:Homo sapiens membrane-associated kinase (Myt1)

- 39778_at Cluster Incl. M55621:Human N-acetylglucosaminyltransferase I (GlcNAc-TI
 41764_at Cluster Incl. AA976838:oq35c12.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 33374_at Cluster Incl. L09708:Human complement component 2 (C2) gene allele b /c
 33393_at Cluster Incl. AJ237946:Homo sapiens mRNA for DEAD Box Protein 5 /cds=(0
5 36195_at Cluster Incl. U07681:Human NAD(H)-specific isocitrate dehydrogenase alp
 39845_at Cluster Incl. AF020760:Homo sapiens serine protease (Omi) mRNA, complet
 1983_at X68452 /FEATURE=cds /DEFINITION=HSCYCD2 H.sapiens mRNA for cyclin D2
 1445_at AF014958 /FEATURE= /DEFINITION=AF014958 Homo sapiens chemokine receptor
 703_at Immunoglobulin Heavy Chain, Vdjrc Regions
10 608_at M12529 /FEATURE=mRNA /DEFINITION=HUMAPOE Human apolipoprotein E mRNA,
 com

METAGENE 496 :

- 15** 37162_at Cluster Incl. S72869:H4(D10S170)=putative cytoskeletal protein [human,
 40666_at Cluster Incl. AF039918:Homo sapiens CD39L4 (CD39L4) mRNA, complete cds
 31788_at Cluster Incl. AB014537:Homo sapiens mRNA for KIAA0637 protein, complete
 35140_at Cluster Incl. R59697:yh11b03.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 36100_at Cluster Incl. AF022375:Homo sapiens vascular endothelial growth factor
20 36101_s_at Cluster Incl. M63978:Human vascular endothelial growth factor gene /c
 38010_at Cluster Incl. AF002697:Homo sapiens E1B 19K/Bcl-2-binding protein Nip3
 32545_r_at Cluster Incl. L12535:Human RSU-1/RSP-1 mRNA, complete cds /cds=(827,1
 1953_at AF024710 /FEATURE= /DEFINITION=AF024710 Homo sapiens vascular endothelia
 1265_g_at M25393 /FEATURE= /DEFINITION=HUMPTPASE Human protein tyrosine
25 phosphat

METAGENE 497 :

- 32478_f_at Cluster Incl. AL031133:dJ281H8.4 (Ubiquitin-Like protein SMT3 LIKE) /
30 33620_at Cluster Incl. X16667:Human HOX2G mRNA from the Hox2 locus /cds=(363,165
 36391_at Cluster Incl. AF048730:Homo sapiens cyclin T1 mRNA, complete cds /cds=(
 32355_at Cluster Incl. AL050270:Homo sapiens mRNA; cDNA DKFZp564D166 (from
 clone
 37155_at Cluster Incl. AB020675:Homo sapiens mRNA for KIAA0868 protein, partial
35 37508_f_at Cluster Incl. AA675900:g02504r Homo sapiens cDNA, 5 end /clone=g0250
 41374_at Cluster Incl. AB016869:Homo sapiens mRNA for p70 ribosomal S6 kinase be
 33794_g_at Cluster Incl. U19345:Homo sapiens AR1 (TCF20) mRNA, partial cds /cds=
 34727_at Cluster Incl. AI800578:wg12b07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 35198_at Cluster Incl. AF070596:Homo sapiens clone 24796 mRNA sequence /cds=UNKN

- 37946_at Cluster Incl. M60724:Human p70 ribosomal S6 kinase alpha-I mRNA, comple
 39343_at Cluster Incl. AW026656:vv15c06.x1 Homo sapiens cDNA, 3' end /clone=IMAG
 40792_s_at Cluster Incl. AF091395:Homo sapiens Trio isoform mRNA, complete cds /
 33377_at Cluster Incl. X03168:Human mRNA for S-protein /cds=(61,1497) /gb=X03168
 5 33855_at Cluster Incl. M96995:Homo sapiens epidermal growth factor receptor-bind
 37012_at Cluster Incl. U03271:Human F-actin capping protein beta subunit mRNA, c
 37711_at Cluster Incl. S57212:hMEF2C=myocyte enhancer-binding factor 2 [human, s
 40980_at Cluster Incl. W26477:30b5 Homo sapiens cDNA /gb=W26477 /gi=1307176 /ug=
 1578_g_at M23263 /FEATURE= /DEFINITION=HUMARB Human androgen receptor
 10 mRNA, comp
 834_at U40462 /FEATURE= /DEFINITION=HSU40462 Human Ikaros/LyF-1 homolog (hIk-1)
 842_at U48251 /FEATURE= /DEFINITION=HSU48251 Homo sapiens protein kinase C-bind
 446_at U89896 /FEATURE= /DEFINITION=HSU89896 Homo sapiens casein kinase I gamma
 315_at D45132 /FEATURE= /DEFINITION=HUMHOXY1 Homo sapiens mRNA for zinc-finger
 15 D

METAGENE 498 :

- 34251_at Cluster Incl. M92299:Human homeobox 2.1 protein (HOX2A) mRNA, complete
 20 38358_at Cluster Incl. AJ010840:Homo sapiens mRNA for ATP-dependent RNA helicase
 160042_s_at X58431 /FEATURE=mRNA#1 /DEFINITION=HSHOX22 Human Hox2.2 gene
 for a h

TABLE 9: List of Genes within the 29 Metagenes selected by the Model in the Breast Cancer Recurrence Study

METAGENE 2:

5

ans =

	36711_at	Cluster Incl. AL021977:bK447C4.1 (novel MAFF (v-maf musculoaponeurotic
	37863_at	Cluster Incl. J04076:Human early growth response 2 protein (EGR2) mRNA,
	40448_at	Cluster Incl. M92843:H.sapiens zinc finger transcriptional regulator mR
10	41755_at	Cluster Incl. AB023194:Homo sapiens mRNA for KIAA0977 protein, complete
	32786_at	Cluster Incl. X51345:Human jun-B mRNA for JUN-B protein /cds=(253,1296)
	33439_at	Cluster Incl. D15050:Human mRNA for transcription factor AREB6, complet
	36097_at	Cluster Incl. M62831:Human transcription factor ETR101 mRNA, complete c
	36669_at	Cluster Incl. L49169:Human G0S3 mRNA, complete cds /cds=(593,1609) /gb=
15	36979_at	Cluster Incl. M20681:Human glucose transporter-like protein-III (GLUT3)
	38772_at	Cluster Incl. Y11307:H.sapiens CYR61 mRNA /cds=(223,1368) /gb=Y11307 /g
	39822_s_at	Cluster Incl. AF078077:Homo sapiens growth arrest and DNA-damage-indu
	32583_at	Cluster Incl. J04111:Human c-jun proto oncogene (JUN), complete cds, cl
	33146_at	Cluster Incl. L08246:Human myeloid cell differentiation protein (MCL1)
20	1915_s_at	V01512 /FEATURE=mRNA#1 /DEFINITION=HSCFOS Human cellular
	oncogene c-fos	
	1916_s_at	V01512 /FEATURE=mRNA#2 /DEFINITION=HSCFOS Human cellular
	oncogene c-fos	
	1895_at	J04111 /FEATURE=exon#1 /DEFINITION=HUMJUN Human c-jun proto oncogene (J
25	1776_at	L24564 /FEATURE= /DEFINITION=HUMRAD Human Rad mRNA, complete cds
	789_at	X52541 /FEATURE=cds /DEFINITION=HSEGR1 Human mRNA for early growth respon
	277_at	L08246 /FEATURE= /DEFINITION=HUMMCL1X Human myeloid cell differentiation
	279_at	L13740 /FEATURE= /DEFINITION=HUMTR3A Human TR3 orphan receptor mRNA,
	comp	
30	280_g_at	L13740 /FEATURE= /DEFINITION=HUMTR3A Human TR3 orphan receptor
	mRNA, co	
	287_at	L19871 /FEATURE= /DEFINITION=HUMATF3X Human activating transcription fact
	190_at	U12767 /FEATURE= /DEFINITION=HSU12767 Human mitogen induced nuclear orpha

35 METAGENE 20:

ans =

32352_at Cluster Incl. X52730:Human gene for phenylethanolamine N-methylase (PNM

- 37772_at Cluster Incl. AB020711:Homo sapiens mRNA for KIAA0904 protein, partial
 32064_at Cluster Incl. Y13467:Homo sapiens mRNA for RB18A protein /cds=(235,4935
 32679_at Cluster Incl. D13634:Human mRNA for KIAA0009 gene, complete cds /cds=(1
 33218_at Cluster Incl. M11730:Human tyrosine kinase-type receptor (HER2) mRNA, c
 5 38672_at Cluster Incl. Y13247:Homo sapiens fb19 mRNA /cds=(539,3361) /gb=Y13247
 36139_at Cluster Incl. AL050289:Homo sapiens mRNA; cDNA DKFZp586G0522 (from
 clon
 37355_at Cluster Incl. D38255:Homo sapiens mRNA for CAB1, complete cds /cds=(121
 1802_s_at X03363 /FEATURE=cds /DEFINITION=HSEB2R Human c-erb-B-2 mRNA
 10 1680_at D43772 /FEATURE= /DEFINITION=HUMGRB7 Human squamous cell carcinoma of es

METAGENE 81:

ans =

- 15 36364_at Cluster Incl. L32961:Human 4-aminobutyrate aminotransferase (GABAT) mRN
 36434_r_at Cluster Incl. AF017724:Homo sapiens glycine receptor alpha 3 subunit
 38187_at Cluster Incl. D90041:Human liver arylamine N-acetyltransferase (EC 2.3.
 39227_at Cluster Incl. AB006621:Homo sapiens mRNA for KIAA0283 gene, partial cds
 39304_g_at Cluster Incl. Y14153:Homo sapiens mRNA for beta-transducin repeat con
 20 40673_at Cluster Incl. U12778:Human acyl-CoA dehydrogenase mRNA, complete cds /c
 32667_at Cluster Incl. M58526:Human alpha-5 collagen type IV (COL4A5) mRNA, 3 e
 32676_at Cluster Incl. M93405:Human methylmalonate semialdehyde dehydrogenase ge
 34759_at Cluster Incl. U68494:Human hbc647 mRNA sequence /cds=UNKNOWN
 /gb=U68494
 25 35238_at Cluster Incl. AB000509:Homo sapiens mRNA for TRAF5, complete cds /cds=(
 40522_at Cluster Incl. X59834:Human rearranged mRNA for glutamine synthase /cds=
 33358_at Cluster Incl. W29087:56b8 Homo sapiens cDNA /gb=W29087 /gi=1309053 /ug=
 33446_at Cluster Incl. W26407:29b8 Homo sapiens cDNA /gb=W26407 /gi=1307106 /ug=
 34862_at Cluster Incl. AA005018:zh96a09.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 30 35329_at Cluster Incl. AF091084:Homo sapiens clone 638 unknown mRNA, complete se
 35794_at Cluster Incl. AB023159:Homo sapiens mRNA for KIAA0942 protein, partial
 35822_at Cluster Incl. L15702:Human complement factor B mRNA, complete cds /cds=
 40244_s_at Cluster Incl. AI743654:wg41d01.x1 Homo sapiens cDNA, 3 end /clone=IM

35 METAGENE 86:

ans =

- 34586_s_at Cluster Incl. U51003:Human DLX-2 (Dlx2) mRNA, complete cds /cds=UNKNO
 33950_g_at Cluster Incl. AF011406:Homo sapiens corticotropin releasing hormone r

- 38936_at Cluster Incl. M16652:Human pancreatic elastase IIA mRNA, complete cds /
 41413_at Cluster Incl. AF037339:Homo sapiens cleft lip and palate transmembrane
 33801_at Cluster Incl. AF104222:Homo sapiens CD2 cytoplasmic domain binding prot
 33806_at Cluster Incl. AF052106:Homo sapiens clone 23781 mRNA sequence /cds=UNKN
 5 38663_at Cluster Incl. AI033692:ow26f02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41356_at Cluster Incl. W27619:35c7 Homo sapiens cDNA /gb=W27619 /gi=1307567 /ug=
 1852_at X02910 /FEATURE=expanded_cds /DEFINITION=HSTNFA Human gene for tumor nec
 1724_at S75174 /FEATURE= /DEFINITION=S75174 E2F-4=transcription factor [human, N
 438_at X07767 /FEATURE=cds /DEFINITION=HSPKA Human mRNA for cAMP-dependent
 10 prote

METAGENE 109:

- ans =
- 15 35853_at Cluster Incl. AL049654:Novel human mRNA similar to mouse gene PICK1 (TR
 37129_at Cluster Incl. AI936758:wp69b11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 37153_at Cluster Incl. AB014573:Homo sapiens mRNA for KIAA0673 protein, partial
 40033_at Cluster Incl. AL022328:Human DNA sequence from clone 402G11 on chromoso
 40705_at Cluster Incl. AF103905:Homo sapiens Rap1 guanine-nucleotide exchange fa
 20 41036_at Cluster Incl. AL022314:dJ1170K4.1 (novel protein similar to KIAA0176 an
 31837_at Cluster Incl. U62317:Chromosome 22q13 BAC Clone CIT987SK-384D8 complete
 33707_at Cluster Incl. AF058921:Homo sapiens cytosolic phospholipase A2-gamma mR
 33708_at Cluster Incl. AF045584:Homo sapiens PB39 mRNA, complete cds /cds=(76,17
 34206_at Cluster Incl. AB018325:Homo sapiens mRNA for KIAA0782 protein, partial
 25 34224_at Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (B
 35156_at Cluster Incl. AL050297:Homo sapiens mRNA; cDNA DKFZp564N123 (from
 clone
 35170_at Cluster Incl. AF044414:Homo sapiens alpha mannosidase 6A8B (6a8b) mRNA,
 36452_at Cluster Incl. AB028952:Homo sapiens mRNA for KIAA1029 protein, complete
 30 37201_at Cluster Incl. D38535:Human mRNA for PK-120 /cds=(129,2921) /gb=D38535 /
 37268_at Cluster Incl. U43368:Human VEGF related factor isoform VRF186 precursor
 37992_s_at Cluster Incl. AI436567:ti03b09.x1 Homo sapiens cDNA, 3 end /clone=IM
 38671_at Cluster Incl. AB014520:Homo sapiens mRNA for KIAA0620 protein, partial
 39424_at Cluster Incl. U70321:Human herpesvirus entry mediator mRNA, complete cd
 35 41160_at Cluster Incl. AC005943:Homo sapiens chromosome 19, cosmid R30538 /cds=(
 33409_at Cluster Incl. AA158243:zo76c01.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35823_at Cluster Incl. M63573:Human secreted cyclophilin-like protein (SCYLP) mR
 37042_at Cluster Incl. U09577:Homo sapiens lysosomal hyaluronidase (LUCA2/HYAL2)
 39893_at Cluster Incl. AB010414:Homo sapiens mRNA for G-protein gamma 7, complet

- 40266_at Cluster Incl. AB028959:Homo sapiens mRNA for KIAA1036 protein, complete
 41532_at Cluster Incl. Y09723:H.sapiens mRNA for Miz-1 protein /cds=(126,2537) /
 1795_g_at M92287 /FEATURE= /DEFINITION=HUMCYCD3A Homo sapiens cyclin D3
 (CCND3)
- 5** 1116_at M28170 /FEATURE= /DEFINITION=HUMCSPC Human cell surface protein CD19 (CD
 541_g_at S67070 /FEATURE= /DEFINITION=S67070 heat shock protein HSP72 homolog
 [h
 210_at M95678 /FEATURE= /DEFINITION=HUMPLCB2A Homo sapiens phospholipase C-beta-
 214_at M97676 /FEATURE= /DEFINITION=HUMHOX7 Homo sapiens (region 7) homeobox pro
- 10** METAGENE 133:
- ans =
- 41700_at Cluster Incl. M62424:Human thrombin receptor mRNA, complete cds /cds=(2
15 37279_at Cluster Incl. U10550:Human Gem GTPase (gem) mRNA, complete cds /cds=(21
 38125_at Cluster Incl. M14083:Human beta-migrating plasminogen activator inhibit
 38767_at Cluster Incl. AF041037:Homo sapiens novel antagonist of FGF signaling (
 2094_s_at K00650 /FEATURE=cds /DEFINITION=HUMFOS Human fos proto-oncogene (c-
 fos
- 20** 2062_at L19182 /FEATURE= /DEFINITION=HUMMAC25X Human MAC25 mRNA, complete
 cds
 1911_s_at M60974 /FEATURE= /DEFINITION=HUMGADD45 Human growth arrest and
 DNA-dam
 1005_at X68277 /FEATURE=cds /DEFINITION=HSCL100 H.sapiens CL 100 mRNA for protei
- 25** 735_s_at Protein Kinase Ht31, Camp-Dependent
- METAGENE 143:
- ans =
- 30** 35382_at Cluster Incl. AF043244:Homo sapiens apoptosis repressor ARC (ARC) mRNA,
 41861_at Cluster Incl. AL050019:Homo sapiens mRNA; cDNA DKFZp564C186 (from
 clone
 35994_at Cluster Incl. AC002398:Human DNA from chromosome 19-specific cosmid F25
 33424_at Cluster Incl. Y00281:Human mRNA for ribophorin I /cds=(137,1960) /gb=Y0
- 35** 34366_g_at Cluster Incl. AF042386:Homo sapiens cyclophilin-33B (CYP-33) mRNA, co
 35338_at Cluster Incl. X17094:Human fur mRNA for furin /cds=(216,2600) /gb=X1709
 36150_at Cluster Incl. AB020649:Homo sapiens mRNA for KIAA0842 protein, partial
 1879_at M14949 /FEATURE=cds /DEFINITION=HUMRASR2 Human R-ras gene, exons 2 throu
 1649_at U61836 /FEATURE=mRNA /DEFINITION=HSU61836 Human putative cyclin G1 inter

1333_f_at X02596 /FEATURE=cds /DEFINITION=HSBCRR Human mRNA for bcr
(breakpoint
537_f_atU07000 /FEATURE=cds#3 /DEFINITION=HSU07000 Human breakpoint cluster reg
405_at X52773 /FEATURE=cds /DEFINITION=HSRARLP Human mRNA for retinoic acid rece

5

METAGENE 149:

ans =

- 33646_g_at Cluster Incl. X61094:H.sapiens RNA for GM2-activator protein (clone p
10 34172_s_at Cluster Incl. M99578:Human lymphocyte surface protein exons 1-5, comp
35099_at Cluster Incl. AF019225:Homo sapiens apolipoprotein L mRNA, complete cds
35583_at Cluster Incl. X99699:H.sapiens mRNA for XIAP associated factor-1 /cds=(
36770_at Cluster Incl. U18671:Human Stat2 gene, complete cds /cds=(57,2612) /gb=
39264_at Cluster Incl. M87284:Human 69 kDa 25 oligoadenylate synthetase (P69 2-
15 38014_at Cluster Incl. X79448:H.sapiens IFI-4 mRNA for type I protein /cds=(1165
2066_at L22474 /FEATURE= /DEFINITION=HUMBAXB Human Bax beta mRNA, complete cds
1794_at M92287 /FEATURE= /DEFINITION=HUMCYCD3A Homo sapiens cyclin D3 (CCND3)
mR
1457_at M64174 /FEATURE= /DEFINITION=HUMPTKJAK1 Human protein-tyrosine kinase (J
20 909_g_at M14660 /FEATURE=cds /DEFINITION=HUMISG2 Human ISG-54K gene
(interferon
865_at U08316 /FEATURE= /DEFINITION=HSU08316 Human insulin-stimulated protein ki
428_s_at V00567 /FEATURE=cds /DEFINITION=HSMGLO Human messenger RNA
fragment for
25 201_s_at S82297 /FEATURE= /DEFINITION=S82297 beta 2-microglobulin {11bp deleted

METAGENE 155:

ans =

- 30 31496_g_at Cluster Incl. D63789:Homo sapiens DNA for SCM-1beta precursor, comple
34607_at Cluster Incl. AB023135:Homo sapiens mRNA for activation-inducible lymph
32264_at Cluster Incl. L23134:Homo sapiens metase (MET-1) mRNA, complete cds /cd
32321_at Cluster Incl. X56841:H.sapiens HLA-E gene /cds=(0,363) /gb=X56841 /gi=4
32370_at Cluster Incl. M57888:Human (clone lambda B34) cytotoxic T-lymphocyte-as
35 33462_at Cluster Incl. D13626:Human mRNA for KIAA0001 gene, complete cds /cds=(2
34046_at Cluster Incl. Z83844:Human DNA sequence from clone 37E16 on chromosome
34432_at Cluster Incl. AF051325:Homo sapiens SH3 domain containing adaptor prote
34481_at Cluster Incl. AF030227:untitled /cds=(97,2634) /gb=AF030227 /gi=3282618
34914_at Cluster Incl. U94778:Human PEST phosphatase interacting protein homolog

	34965_at	Cluster Incl. AF031824:Homo sapiens leukocystatin mRNA, complete cds /c
	36239_at	Cluster Incl. Z49194:H.sapiens mRNA for oct-binding factor /cds=(523,12
	36277_at	Cluster Incl. M23323:Human membrane protein (CD3-epsilon) gene /cds=(59
	36280_at	Cluster Incl. U26174:Human pre-granzyme 3 mRNA, complete cds /cds=(40,8
5	36293_at	Cluster Incl. U73531:Human G protein-coupled receptor STRL33.3 (STRL33)
	36314_at	Cluster Incl. U04806:Human FLT3/FLK2 ligand mRNA, complete cds /cds=(92
	37078_at	Cluster Incl. J04132:Human T cell receptor zeta-chain mRNA, complete cd
	37121_at	Cluster Incl. S69115:granulocyte colony-stimulating factor induced gene
	37137_at	Cluster Incl. M17016:Human serine protease-like protein mRNA, complete
10	37456_at	Cluster Incl. AL022315:dJ117715.3 (Lectin, Galactose-binding, soluble,
	37493_at	Cluster Incl. H04668:yj49e08.r1 Homo sapiens cDNA, 5' end /clone=IMAGE-
	37775_at	Cluster Incl. W25951:17d10 Homo sapiens cDNA /gb=W25951 /gi=1306236 /ug
	37845_at	Cluster Incl. M58285:Human membrane-associated protein (HEM-1) mRNA, co
	38149_at	Cluster Incl. D29642:Human mRNA for KIAA0053 gene, complete cds /cds=(1
15	38570_at	Cluster Incl. X03066:Human mRNA for HLA-D class II antigen DO beta chai
	38578_at	Cluster Incl. M63928:Homo sapiens T cell activation antigen (CD27) mRNA
	38893_at	Cluster Incl. AL008637:Human DNA sequence from clone 833B7 on chromosom
	38894_g_at	Cluster Incl. AL008637:Human DNA sequence from clone 833B7 on chromos
	38949_at	Cluster Incl. L01087:Human protein kinase C-theta (PRKCT) mRNA, complet
20	38964_r_at	Cluster Incl. U12707:Human Wiskott-Aldrich syndrome protein (WASP) mR
	39649_at	Cluster Incl. X78817:H.sapiens partial C1 mRNA /cds=(42,2882) /gb=X7881
	39672_at	Cluster Incl. M64322:Human protein tyrosine phosphatase (LTPase) mRNA,
	39936_at	Cluster Incl. U95626:Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr
	40296_at	Cluster Incl. AL023653:Human DNA sequence from clone 753P9 on chromosom
25	40667_at	Cluster Incl. X60992:H.sapiens CD6 mRNA for T cell glycoprotein CD6 /cd
	40699_at	Cluster Incl. M12824:Human T-cell differentiation antigen Leu-2/T8 mRNA
	40715_at	Cluster Incl. D83597:Homo sapiens mRNA for RP105, complete cds /cds=(14
	40718_at	Cluster Incl. AF013611:Homo sapiens lymphopain mRNA, complete cds /cds=
	40719_at	Cluster Incl. AL022398:dJ434O14.3.3 (novel protein) (isoform 3) /cds=(2
30	40720_at	Cluster Incl. AL022398:dJ434O14.3.1 (putative protein) (isoform 1) /cds
	40721_g_at	Cluster Incl. AL022398:dJ434O14.3.1 (putative protein) (isoform 1) /c
	40738_at	Cluster Incl. M16336:Human T-cell surface antigen CD2 (T11) mRNA, compl
	40757_at	Cluster Incl. M18737:Human Hanukah factor serine protease (HuHF) mRNA,
	41468_at	Cluster Incl. M30894:Human T-cell receptor Ti rearranged gamma-chain mR
35	41654_at	Cluster Incl. X02994:Human mRNA for adenosine deaminase (adenosine amin
	31820_at	Cluster Incl. X16663:Human HS1 gene for heamatopoietic lineage cell spe
	31870_at	Cluster Incl. X14046:Human mRNA for leukocyte antigen CD37 /cds=(63,908
	31901_at	Cluster Incl. AF044253:Homo sapiens potassium channel beta 2 subunit (H
	32070_at	Cluster Incl. X97267:H.sapiens LPAP gene /cds=(63,683) /gb=X97267 /gi=1

	32629_f_at	Cluster Incl. U90552:Human butyrophilin (BTF5) mRNA, complete cds /cd
	32704_at	Cluster Incl. D86964:Human mRNA for KIAA0209 gene, partial cds /cds=(0,
	32736_at	Cluster Incl. W68830:zd37g06.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-
	33238_at	Cluster Incl. U23852:Human T-lymphocyte specific protein tyrosine kinas
5	33243_at	Cluster Incl. AF099935:Homo sapiens MDC-3.13 isoform 2 mRNA, complete c
	33267_at	Cluster Incl. AF035315:Homo sapiens clone 23664 and 23905 mRNA sequence
	33748_at	Cluster Incl. D86976:Human mRNA for KIAA0223 gene, partial cds /cds=(0,
	33813_at	Cluster Incl. AI813532:wj83a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	34210_at	Cluster Incl. N90866:zb11b10.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
10	35149_at	Cluster Incl. AI865431:wk11h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35625_at	Cluster Incl. X94630:H.sapiens CD97 gene exon 1 (and joined CDS) /cds=(
	36030_at	Cluster Incl. AL080214:Homo sapiens mRNA; cDNA DKFZp586I2223 (from clon
	36062_at	Cluster Incl. AF062075:Homo sapiens leupaxin mRNA, complete cds /cds=(9
	36493_at	Cluster Incl. M33552:Human lymphocyte-specific protein 1 (LSP1) mRNA, c
15	37541_at	Cluster Incl. U25956:Human P-selectin glycoprotein ligand (SELPLG) gene
	37591_at	Cluster Incl. U94592:Human uncoupling protein homolog (UCPH) mRNA, comp
	37625_at	Cluster Incl. U52682:Human lymphocyte specific interferon regulatory fa
	37645_at	Cluster Incl. Z22576:H.sapiens CD69 gene /cds=(81,680) /gb=Z22576 /gi=3
	38006_at	Cluster Incl. M37766:Human MEM-102 glycoprotein mRNA, complete cds /cds
20	38319_at	Cluster Incl. AA919102:ol84h02.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	38976_at	Cluster Incl. D44497:Human mRNA for actin binding protein p57, complete
	39049_at	Cluster Incl. AJ243937:Homo sapiens mRNA for G18.1a and G18.1b proteins
	40468_at	Cluster Incl. AB011126:Homo sapiens mRNA for KIAA0554 protein, partial
	32793_at	Cluster Incl. X00437:Human mRNA for T-cell specific protein /cds=(37,97
25	32794_g_at	Cluster Incl. X00437:Human mRNA for T-cell specific protein /cds=(37,
	36155_at	Cluster Incl. D87465:Human mRNA for KIAA0275 gene, complete cds /cds=(3
	37021_at	Cluster Incl. X16832:Human mRNA for cathepsin H (EC 3.4.22.16) /cds=(34
	38017_at	Cluster Incl. U05259:Human MB-1 gene, complete cds /cds=(36,716) /gb=U0
	38018_g_at	Cluster Incl. U05259:Human MB-1 gene, complete cds /cds=(36,716) /gb=
30	38091_at	Cluster Incl. Z49107:H.sapiens mRNA for galectin /cds=(87,1058) /gb=Z49
	38826_at	Cluster Incl. D50918:Human mRNA for KIAA0128 gene, partial cds /cds=(0,
	41577_at	Cluster Incl. AB020630:Homo sapiens mRNA for KIAA0823 protein, partial
	2059_s_at	M36881 /FEATURE=mRNA /DEFINITION=HUMLCKAA Human lymphocyte-
	specific pr	
35	2019_s_at	M68892 /FEATURE= /DEFINITION=HUMINTB7 Human integrin beta-7 subunit
	mR	
	1760_s_at	D11327 /FEATURE= /DEFINITION=HUMLCPTP Human mRNA for protein-
	tyrosine	

- 1717_s_at U45878 /FEATURE= /DEFINITION=HSU45878 Human inhibitor of apoptosis
pro
- 1583_at M32315 /FEATURE= /DEFINITION=HUMNFR Human tumor necrosis factor receptor
- 1506_at D11086 /FEATURE= /DEFINITION=HUMIL2RG Human mRNA for interleukin 2 recep
- 5 1498_at L05148 /FEATURE= /DEFINITION=HUMTYRKIN Human protein tyrosine kinase rel
- 1478_at L10717 /FEATURE= /DEFINITION=HUMTKTCS Homo sapiens T cell-specific tyros
- 1403_s_at M21121 /FEATURE= /DEFINITION=HUMTCSM Human T cell-specific protein
(RA
- 1405_i_at M21121 /FEATURE= /DEFINITION=HUMTCSM Human T cell-specific protein
10 (RA
- 1326_at U60519 /FEATURE= /DEFINITION=HSU60519 Human apoptotic cysteine protease
- 1105_s_at M12886 /FEATURE= /DEFINITION=HUMTCBYY Human T-cell receptor active
bet
- 1106_s_at M12959 /FEATURE= /DEFINITION=HUMTCAXB Human T-cell receptor active
15 alp
- 1110_at M21624 /FEATURE=mRNA /DEFINITION=HUMTCRGC Human T-cell receptor delta ch
- 1062_g_at U00672 /FEATURE= /DEFINITION=U00672 Human interleukin-10 receptor
mRNA
- 906_at L78440 /FEATURE=mRNA /DEFINITION=HUMSTAT4R Homo sapiens STAT4 mRNA,
20 compl
- 849_g_at U19261 /FEATURE= /DEFINITION=HSU19261 Homo sapiens Epstein-Barr
virus-i
- 402_s_at X69819 /FEATURE=cds /DEFINITION=HSICAM3RN H.sapiens ICAM-3
mRNA
- 25 245_at M25280 /FEATURE= /DEFINITION=HUMLNHR Human lymph node homing receptor
mRN
- 172_at U57650 /FEATURE= /DEFINITION=HSU57650 Human SH2-containing inositol 5-pho
- 160029_at X07109 /FEATURE=cds /DEFINITION=HSPKCB2A Human mRNA for protein
kinase
- 30 METAGENE 162:
- ans =
- 31463_s_at Cluster Incl. AL022097:Homo sapiens DNA sequence from PAC 256G22 on c
- 35 31546_at Cluster Incl. L11566:Homo sapiens ribosomal protein L18 (RPL18) mRNA, c
- 31584_at Cluster Incl. X16064:Human mRNA for translationally controlled tumor pr
- 32432_f_at Cluster Incl. L25899:Human ribosomal protein L10 mRNA, complete cds /
- 32433_at Cluster Incl. Z97353:Human DNA sequence from clone 90L6 on chromosome 2
- 32437_at Cluster Incl. U14970:Human ribosomal protein S5 mRNA, complete cds /cds

- 32440_at Cluster Incl. X53777:Human L23 mRNA for putative ribosomal protein /cds
 33614_at Cluster Incl. X80822:H.sapiens mRNA for ORF /cds=(133,555) /gb=X80822 /
 33660_at Cluster Incl. U14966:Human ribosomal protein L5 mRNA, complete cds /cds
 33668_at Cluster Incl. AF037643:Homo sapiens 60S ribosomal protein L12 (RPL12) p
 5 34570_at Cluster Incl. S79522:ubiquitin carboxyl extension protein [human, mRNA,
 34592_at Cluster Incl. M13932:Human ribosomal protein S17 mRNA, complete cds /cd
 34609_g_at Cluster Incl. M24194:Human MHC protein homologous to chicken B comple
 34645_at Cluster Incl. X55715:Human Hums3 mRNA for 40S ribosomal protein s3 /cds
 34646_at Cluster Incl. Z25749:H.sapiens gene for ribosomal protein S7 /cds=(81,6
 10 35125_at Cluster Incl. X67309:H.sapiens gene for ribosomal protein S6 /cds=(42,7
 36333_at Cluster Incl. X57958:H.sapiens mRNA for ribosomal protein L7 /cds=(22,7
 36358_at Cluster Incl. U09953:Human ribosomal protein L9 mRNA, complete cds /cds
 32330_at Cluster Incl. X06617:Human mRNA for ribosomal protein S11 /cds=(15,491)
 32337_at Cluster Incl. U25789:Human ribosomal protein L21 mRNA, complete cds /cd
 15 32341_f_at Cluster Incl. U37230:Human ribosomal protein L23a mRNA, complete cds
 36786_at Cluster Incl. AL022721:dJ109F14.2 (60S Ribosomal Protein RPL10A) /cds=(
 39025_at Cluster Incl. AI557912:pro3.2-2.E07.r Homo sapiens cDNA, 5 end /clone_
 39418_at Cluster Incl. AJ007398:Homo sapiens mRNA for PBK1 protein /cds=(5,1558)
 40435_at Cluster Incl. J03592:Human ADP/ATP translocase mRNA, 3 end, clone pHAT
 20 41152_f_at Cluster Incl. T89651:yd99a05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 32843_s_at Cluster Incl. M30448:Human casein kinase II beta subunit mRNA, comple
 34316_at Cluster Incl. W52024:zd13a03.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
 34317_g_at Cluster Incl. W52024:zd13a03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 34380_at Cluster Incl. AC004472:Homo sapiens chromosome 9, P1 clone 11659 /cds=(
 25 37724_at Cluster Incl. V00568:Human mRNA encoding the c-myc oncogene /cds=(558,1
 39173_at Cluster Incl. X56597:Human humFib mRNA for fibrillarin /cds=(59,1024) /
 39830_at Cluster Incl. AA044823:zk72a10.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 32576_at Cluster Incl. U94855:Homo sapiens translation initiation factor 3 47 kD
 33116_f_at Cluster Incl. AA977163:q25a04.s1 Homo sapiens cDNA, 3 end /clone=IM
 30 33117_r_at Cluster Incl. AA977163:q25a04.s1 Homo sapiens cDNA, 3 end /clone=IM
 1973_s_at V00568 /FEATURE=cds /DEFINITION=HSMYC1 Human mRNA encoding the
 c-myc o
 1653_at M84711 /FEATURE= /DEFINITION=HUMFTE1A Human v-fos transformation effecto
 1151_at Epstein-Barr Virus Small Rna-Associated Protein
 35 571_at M86667 /FEATURE= /DEFINITION=HUMNAP H.sapiens NAP (nucleosome assembly pr
 326_i_at Ribosomal Protein S20

METAGENE 226:

	ans =	
	33630_s_at	Cluster Incl. AF026488:Homo sapiens beta III spectrin (SPTBN2) mRNA,
	38138_at	Cluster Incl. D38583:Human mRNA for calgizzarin, complete cds /cds=(120
	38161_at	Cluster Incl. Y09022:H.sapiens mRNA for Not56-like protein /cds=(31,134
5	38172_at	Cluster Incl. AB003151:Homo sapiens DNA, chromosome 21q22.2, PAC clone
	39262_at	Cluster Incl. U79266:Human clone 23627 mRNA, complete cds /cds=(184,104
	39651_at	Cluster Incl. AB006532:Homo sapiens RecQ4 mRNA for DNA helicase, comple
	40695_at	Cluster Incl. J05272:Human IMP dehydrogenase type 1 mRNA complete cds /
	41037_at	Cluster Incl. U63824:Human transcription factor RTEF-1 (RTEF1) mRNA, co
10	31858_at	Cluster Incl. X07315:Human gene for PP15 (placental protein 15) /cds=(9
	32028_at	Cluster Incl. U85773:Human phosphomannomutase (PMM2) mRNA, complete cds
	32702_at	Cluster Incl. U04810:Human tastin mRNA, complete cds /cds=(110,2446) /g
	33282_at	Cluster Incl. U42408:Human ladinin (LAD) mRNA, complete cds /cds=(219,1
	33307_at	Cluster Incl. AL022316:Human DNA sequence from clone 126B4 on chromosom
15	35620_at	Cluster Incl. AF043250:Homo sapiens mitochondrial outer membrane protei
	35714_at	Cluster Incl. U89606:Human pyridoxal kinase mRNA, complete cds /cds=(6,
	35723_at	Cluster Incl. D16581:Human mRNA for 8-oxo-dGTPase, complete cds /cds=(2
	37945_at	Cluster Incl. U91316:Human acyl-CoA thioester hydrolase mRNA, complete
	38618_at	Cluster Incl. AC002073:Human PAC clone DJ515N1 from 22q11.2-q22 /cds=(0
20	39020_at	Cluster Incl. U82938:Human CD27BP (Siva) mRNA, complete cds /cds=(252,8
	39059_at	Cluster Incl. AF034544:Homo sapiens delta7-sterol reductase mRNA, compl
	39062_at	Cluster Incl. AL008726:dJ337O18.2 (Lysosomal Protective Protein precurs
	39074_at	Cluster Incl. U79241:Human clone 23759 mRNA, partial cds /cds=(0,1315)
	39704_s_at	Cluster Incl. L17131:Human high mobility group protein (HMG-I(Y)) gen
25	41732_at	Cluster Incl. AA310786:EST181572 Homo sapiens cDNA, 5' end /clone=ATCC-
	32186_at	Cluster Incl. M80244:Human E16 mRNA, complete cds /cds=(310,1035) /gb=M
	32229_at	Cluster Incl. AF038957:Homo sapiens translation initiation factor 4e mR
	34865_at	Cluster Incl. AI360249:qy84f07.x1 Homo sapiens cDNA, 3' end /clone=IMAG
	35326_at	Cluster Incl. AF004876:Homo sapiens 54TmP (54tm) mRNA, complete cds /cd
30	36185_at	Cluster Incl. D32050:Human mRNA for alanyl-tRNA synthetase, complete cd
	36678_at	Cluster Incl. D21261:Human mRNA for KIAA0120 gene, complete cds /cds=(7
	38414_at	Cluster Incl. U05340:Human p55CDC mRNA, complete cds /cds=(110,1609) /g
	38808_at	Cluster Incl. D64154:Human mRNA for Mr 110,000 antigen, complete cds /c
	39812_at	Cluster Incl. X79865:H.sapiens Mrp17 mRNA /cds=(137,733) /gb=X79865 /gi
35	40195_at	Cluster Incl. X14850:Human H2A.X mRNA encoding histone H2A.X /cds=(73,5
	40619_at	Cluster Incl. M91670:Human ubiquitin carrier protein (E2-EPPF) mRNA, com
	32536_at	Cluster Incl. Z37986:H.sapiens mRNA for phenylalkylamine binding protei
	33206_at	Cluster Incl. C18655:C18655 Homo sapiens cDNA, 5' end /clone=GEN-565G08

- 2028_s_at M96577 /FEATURE= /DEFINITION=HUME2F Homo sapiens (E2F-1) pRB-binding p
- 1196_at D00591 /FEATURE=exons#7-14 /DEFINITION=HUMRCC1 Homo sapiens RCC1 gene, e
- 893_at M91670 /FEATURE= /DEFINITION=HUME2EPI Human ubiquitin carrier protein (E2
- 5 894_g_at M91670 /FEATURE= /DEFINITION=HUME2EPI Human ubiquitin carrier protein (
- 480_at U56816 /FEATURE= /DEFINITION=HSU56816 Human kinase Myt1 (Myt1) mRNA, comp
- 160037_at Z48482 /FEATURE=cds /DEFINITION=HSMMPM2 H.sapiens mRNA for
- 10 membrane-ty

METAGENE 294:

- ans =
- 15 35925_at Cluster Incl. AF040639:Homo sapiens aflatoxin B1-aldehyde reductase mRNA
- 36778_at Cluster Incl. Z48804:H.sapiens mRNA (ocular albinism type 1 related) /c
- 37780_at Cluster Incl. AB011131:Homo sapiens mRNA for KIAA0559 protein, partial
- 41111_at Cluster Incl. U68418:Human branched chain aminotransferase precursor (B
- 37897_s_at Cluster Incl. AI985964:wr79d08.x1 Homo sapiens cDNA, 3 end /clone=IM
- 20 38292_at Cluster Incl. AF093264:Homo sapiens homer-2b mRNA, complete cds /cds=(0
- 39369_at Cluster Incl. AB023152:Homo sapiens mRNA for KIAA0935 protein, partial
- 38418_at Cluster Incl. X59798:Human PRAD1 mRNA for cyclin /cds=(147,1034) /gb=X5
- 39087_at Cluster Incl. U28249:Human 11kd protein mRNA, complete cds /cds=(259,59
- 2017_s_at M64349 /FEATURE= /DEFINITION=HUMCYCD1 Human cyclin D (cyclin D1)
- 25 mRNA,
- 2020_at M73554 /FEATURE= /DEFINITION=HUMBCL1 Human bcl-1 mRNA, complete CDS

METAGENE 307:

- 30 ans =
- 31410_at Cluster Incl. AF023614:Homo sapiens transmembrane activator and CAML in
- 31559_at Cluster Incl. U26209:Human renal sodium/dicarboxylate cotransporter (NA
- 31594_at Cluster Incl. Y16788:Homo sapiens hHa3-I gene, complete CDS /cds=(0,121
- 31947_r_at Cluster Incl. X74143:H.sapiens HBF-2 mRNA for transcription factor /c
- 35 32000_g_at Cluster Incl. AI344681:qp09h03.x1 Homo sapiens cDNA, 3 end /clone=IM
- 33016_at Cluster Incl. AI052224:oz21a02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 34066_at Cluster Incl. AJ012590:Homo sapiens mRNA for glucose 1-dehydrogenase /c
- 34093_at Cluster Incl. AI829701:wf09d11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 34161_at Cluster Incl. U39573:Human salivary peroxidase mRNA, complete cds /cds=

	34166_at	Cluster Incl. S80071:hPROT=brain-specific L-proline transporter [human,
	34558_at	Cluster Incl. U30185:Human orphan opioid receptor mRNA, complete cds /c
	34568_at	Cluster Incl. X82634:Homo sapiens mRNA for hair keratin acidic 3-II /cd
	34573_at	Cluster Incl. U14187:Human receptor tyrosine kinase ligand LERK-3 (EPLG
5	35124_at	Cluster Incl. M62982:Human arachidonate 12-lipoxygenase mRNA, complete
	35503_at	Cluster Incl. M81590:Homo sapiens serotonin 1D receptor (5-HT1D~) mRNA,
	35505_at	Cluster Incl. AI290660:qm12b10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35590_s_at	Cluster Incl. X81832:H.sapiens mRNA for glucose-dependant insulinotro
	36338_at	Cluster Incl. W28504:48e7 Homo sapiens cDNA /gb=W28504 /gi=1308515 /ug=
10	32269_at	Cluster Incl. W26805:13a12 Homo sapiens cDNA /gb=W26805 /gi=1305889 /ug
	32897_at	Cluster Incl. AJ237672:Homo sapiens mRNA for methylenetetrahydrofolate
	33967_at	Cluster Incl. M31525:Human MHC class II lymphocyte antigen (HLA-DNA) ge
	35378_at	Cluster Incl. AI051683:oy77h08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	36307_at	Cluster Incl. D87468:Human mRNA for KIAA0278 gene, partial cds /cds=(0,
15	36737_at	Cluster Incl. U59057:Human beta-A4 crystallin (CRYBA4) mRNA, complete c
	38229_at	Cluster Incl. X90579:H.sapiens DNA for cyp related pseudogene /cds=UNKN
	38530_at	Cluster Incl. W26021:18c10 Homo sapiens cDNA /gb=W26021 /gi=1306306 /ug
	38901_at	Cluster Incl. AB020698:Homo sapiens mRNA for KIAA0891 protein, partial
	39225_at	Cluster Incl. Y09443:H.sapiens mRNA for alkyl-dihydroxyacetonephosphate
20	39290_f_at	Cluster Incl. W28257:44c1 Homo sapiens cDNA /gb=W28257 /gi=1308205 /u
	40295_at	Cluster Incl. AB009288:Homo sapiens mRNA for N-copine, complete cds /cd
	41445_at	Cluster Incl. X02812:Human mRNA for transforming growth factor-beta (TG
	31861_at	Cluster Incl. L14754:Human DNA-binding protein (SMBP2) mRNA, complete c
	32699_s_at	Cluster Incl. X64116:H.sapiens PVR gene for poliovirus receptor (exon
25	35150_at	Cluster Incl. X60592:Human CDw40 mRNA for nerve growth factor receptor-
	35996_at	Cluster Incl. X98261:H.sapiens mRNA for M-phase phosphoprotein, mpp5 /c
	37195_at	Cluster Incl. M14565:Human cholesterol side-chain cleavage enzyme P450s
	37939_at	Cluster Incl. AL022318:bK150C2.3 (PUTATIVE novel protein similar to APO
	38707_r_at	Cluster Incl. S75174:E2F-4=transcription factor [human, Nalm6 and HeL
30	39011_at	Cluster Incl. X99906:Homo sapiens mRNA for alpha endosulfine /cds=(125,
	39689_at	Cluster Incl. AI362017:qy39a10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41125_r_at	Cluster Incl. D45421:Human mRNA for phosphodiesterase I alpha, comple
	33416_at	Cluster Incl. AI332820:qp96e06.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	34803_at	Cluster Incl. AF022789:Homo sapiens ubiquitin hydrolyzing enzyme I (UBH
35	35782_at	Cluster Incl. AB014557:Homo sapiens mRNA for KIAA0657 protein, partial
	38088_r_at	Cluster Incl. M80563:Human CAPL protein mRNA, complete cds /cds=(135,
	38447_at	Cluster Incl. U08438:Human beta-adrenergic receptor kinase (ADRBK1) gen
	39473_r_at	Cluster Incl. W29065:56g2 Homo sapiens cDNA /gb=W29065 /gi=1309094 /u
	39868_at	Cluster Incl. AL046394:DKFZp434M217_r1 Homo sapiens cDNA, 5 end /clone

- 39917_at Cluster Incl. AI961040:wq58f01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 40241_at Cluster Incl. U09850:Human zinc finger protein (ZNF143) mRNA, complete
- 40622_r_at Cluster Incl. AL096740:Homo sapiens mRNA; cDNA DKFZp586K2123 (from cl
- 40886_at Cluster Incl. L41498:Homo sapiens longation factor 1-alpha 1 (PTI-1) mR
- 5 40975_s_at Cluster Incl. AL050258:Novel human mRNA similar to mouse tuftelin-int
- 41301_at Cluster Incl. W28608:49b1 Homo sapiens cDNA /gb=W28608 /gi=1308556 /ug=
- 41324_g_at Cluster Incl. U90917:Human clone 23641 mRNA sequence /cds=UNKNOWN /gb
- 41340_at Cluster Incl. AA827795:od08a05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41500_at Cluster Incl. AI761818:wi62g02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 10 41525_at Cluster Incl. N25429:yx76b02.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
- 32557_at Cluster Incl. AI762438:wg57a07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 33110_at Cluster Incl. AI356682:qy22a10.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 33151_s_at Cluster Incl. W25932:15b1 Homo sapiens cDNA /gb=W25932 /gi=1306055 /u
- 33211_at Cluster Incl. AW051889:wz04f05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
- 15 2005_s_at U31317 /FEATURE= /DEFINITION=HSU31317 Human JAK family tyrosine
protei
- 2013_at U35117 /FEATURE= /DEFINITION=HSU35117 Human transcription factor Dp-2 mR
- 1925_at Z36714 /FEATURE=mRNA /DEFINITION=HSCYCLF H.sapiens mRNA for cyclin F
- 1894_f_at Neurofibromatosis 2 Tumor Suppressor
- 20 1827_s_at M13929 /FEATURE=mRNA /DEFINITION=HUMMYCPOA Human c-myc-P64
mRNA, initi
- 1792_g_at M68520 /FEATURE= /DEFINITION=HUMCDC2A Human cdc2-related protein
kinas
- 1627_at Tyrosine Kinase
- 25 1483_at L34059 /FEATURE= /DEFINITION=HUMCA4A Homo sapiens cadherin-4 mRNA, compl
- 1469_at U12779 /FEATURE= /DEFINITION=HSU12779 Human MAP kinase activated protein
- 1415_at D26561 /FEATURE=cds#3 /DEFINITION=D26561 Homo sapiens cellular DNA conta
- 1254_at L36861 /FEATURE=expanded_cds /DEFINITION=HUMGCAPB Homo sapiens guanylate
- 1167_s_at D86331 /FEATURE= /DEFINITION=D86331 Human MT2-MMP gene for matrix
- 30 meta
- 1008_f_at U50648 /FEATURE=mRNA /DEFINITION=HSIIPKR17 Human interferon-
inducible
- 882_at M37435 /FEATURE= /DEFINITION=HUMCSDF1 Human macrophage-specific colony-st
- 734_at Mucin 4, Tracheobronchial
- 35 534_s_at U20391 /FEATURE=mRNA#1 /DEFINITION=HSU20391 Human folate receptor
(FOLR
- 385_at X71874 /FEATURE=cds#2 /DEFINITION=HSPROSCHY H.sapiens genes for proteasom
- 396_f_at X97671 /FEATURE=cds /DEFINITION=HSERYTHR H.sapiens mRNA for erythrope

METAGENE 315 :

	ans =	
	31477_at	Cluster Incl. L08044:Human intestinal trefoil factor mRNA, complete cds
5	36374_at	Cluster Incl. U79293:Human clone 23948 mRNA sequence /cds=UNKNOWN /gb=U
	38960_at	Cluster Incl. U45975:Human phosphatidylinositol (4,5)bisphosphate 5-pho
	39669_at	Cluster Incl. AJ009985:Homo sapiens mRNA for annexin 31 /cds=(436,1452)
	41660_at	Cluster Incl. AL031588:dJ1163J1.1 (ortholog of mouse transmembrane rece
10	31805_at	Cluster Incl. M64347:Human novel growth factor receptor mRNA, 3 cds /cd
	32108_at	Cluster Incl. M76231:Human sepiapterin reductase mRNA, complete cds /cd
	35164_at	Cluster Incl. AF084481:Homo sapiens transmembrane protein (WFS1) mRNA,
	35676_at	Cluster Incl. AF006386:Homo sapiens axonemal dynein light chain (hp28)
	36454_at	Cluster Incl. AF037335:Homo sapiens carbonic anhydrase precursor (CA 12
15	36495_at	Cluster Incl. U21931:Human fructose-1,6-biphosphatase (FBP1) gene /cds=
	39755_at	Cluster Incl. Z93930:Human DNA sequence from clone 292E10 on chromosome
	39756_g_at	Cluster Incl. Z93930:Human DNA sequence from clone 292E10 on chromoso
	40148_at	Cluster Incl. U62325:Human FE65-like protein (hFE65L) mRNA, partial cds
	40422_at	Cluster Incl. X16302:Human mRNA for insulin-like growth factor binding
20	40511_at	Cluster Incl. X58072:Human hGATA3 mRNA for trans-acting T-cell specific
	32251_at	Cluster Incl. AA149307:z125h05.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	34775_at	Cluster Incl. AF065388:Homo sapiens tetraspan NET-1 mRNA, complete cds
	34788_at	Cluster Incl. AL049365:Homo sapiens mRNA; cDNA DKFZp586A0618 (from clon
25	34859_at	Cluster Incl. Z98046:dJ14O9.2 (Melanoma-Associated Antigen MAGE LIKE) /
	34860_g_at	Cluster Incl. Z98046:dJ14O9.2 (Melanoma-Associated Antigen MAGE LIKE)
	35275_at	Cluster Incl. AL050025:Homo sapiens mRNA; cDNA DKFZp564D066 (from clone
	35766_at	Cluster Incl. M26326:Human keratin 18 mRNA, complete cds /cds=(51,1343)
30	35770_at	Cluster Incl. D16469:Human mRNA for ORF, Xq terminal portion /cds=(1353
	37008_r_at	Cluster Incl. M68516:Human protein C inhibitor gene, complete cds /cd
	40902_at	Cluster Incl. AL050082:Homo sapiens mRNA; cDNA DKFZp566J2446 (from clon
	1822_at	Oncogene Ret/Ptc2, Fusion Activated
	1823_g_at	Oncogene Ret/Ptc2, Fusion Activated
35	1745_at	Oncogene Ret/Ptc, Fusion Activated
	1741_s_at	S37730 /FEATURE=cds /DEFINITION=S37712S4 insulin-like growth factor bi
	520_at	U07358 /FEATURE= /DEFINITION=HSU07358 Human protein kinase (zpk) mRNA, co

METAGENE 327 :

	ans =	
	34563_at	Cluster Incl. D26361:Human mRNA for KIAA0042 gene, complete cds /cds=(4
	32324_at	Cluster Incl. X57346:H.sapiens mRNA for HS1 protein /cds=(372,1112) /gb
5	38158_at	Cluster Incl. D79987:Human mRNA for KIAA0165 gene, complete cds /cds=(1
	38933_at	Cluster Incl. AL021366:cICK0721Q.3 (Kinesin related protein) /cds=(163,
	39677_at	Cluster Incl. D80008:Human mRNA for KIAA0186 gene, complete cds /cds=(9
	40041_at	Cluster Incl. AF017790:Homo sapiens retinoblastoma-associated protein H
	40347_at	Cluster Incl. AA913812:ol39a08.s1 Homo sapiens cDNA, 3 end /clone=IMAG
10	40348_s_at	Cluster Incl. W25866:14c12 Homo sapiens cDNA /gb=W25866 /gi=1305989 /
	40690_at	Cluster Incl. X54942:H.sapiens cks2 mRNA for Cks1 protein homologue /
	40726_at	Cluster Incl. U37426:Human kinesin-like spindle protein HKSP (HKSP) mRN
	41403_at	Cluster Incl. AI032612:ow17e07.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	41415_at	Cluster Incl. L36720:Homo sapiens bystin mRNA, complete cds /cds=(64,98
15	41650_at	Cluster Incl. U63810:Homo sapiens WD40 protein Ciao 1 mRNA, complete cd
	32120_at	Cluster Incl. AF063308:Homo sapiens coiled-coil related protein DEEPEST
	33252_at	Cluster Incl. D38073:Human mRNA for hRlf beta subunit (p102 protein), c
	33266_at	Cluster Incl. AF015254:Homo sapiens serine/threonine kinase (STK-1) mRN
	34715_at	Cluster Incl. U74612:Human hepatocyte nuclear factor-3/fork head homolo
20	34736_at	Cluster Incl. M25753:Human cyclin B mRNA, 3 end /cds=UNKNOWN
	/gb=M2575	
	35249_at	Cluster Incl. AF091433:Homo sapiens cyclin E2 mRNA, complete cds /cds=(
	35699_at	Cluster Incl. AF053306:Homo sapiens mitotic checkpoint kinase Mad3L (MA
	35995_at	Cluster Incl. AF067656:Homo sapiens ZW10 interactor Zwint mRNA, complet
25	36813_at	Cluster Incl. U96131:Homo sapiens HPV16 E1 protein binding protein mRNA
	36839_at	Cluster Incl. U77949:Human Cdc6-related protein (HsCDC6) mRNA, complete
	36863_at	Cluster Incl. AF032862:Homo sapiens intracellular hyaluronic acid bindi
	37193_at	Cluster Incl. D78335:Human mRNA for 5-terminal region of UMK, complete
	37228_at	Cluster Incl. U01038:Human pLK mRNA, complete cds /cds=(63,1874) /gb=U0
30	37920_at	Cluster Incl. U70370:Human hindlimb expressed homeobox protein backfoot
	38675_at	Cluster Incl. AI087268:oz77e01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40074_at	Cluster Incl. X16396:Human mRNA for NAD-dependent methylene tetrahydrof
	40117_at	Cluster Incl. D84557:Homo sapiens mRNA for HsMcm6, complete cds /cds=(6
	40145_at	Cluster Incl. AI375913:tc14c08.x1 Homo sapiens cDNA, 3 end /clone=IMAG
35	40412_at	Cluster Incl. AA203476:zx55e01.r1 Homo sapiens cDNA, 5 end /clone=IMAG
	40417_at	Cluster Incl. D43950:Human mRNA for KIAA0098 gene, partial cds /cds=(0,
	32222_at	Cluster Incl. AA152202:zl06a03.s1 Homo sapiens cDNA, 3 end /clone=IMAG
	32767_at	Cluster Incl. M74558:Human SIL mRNA, complete cds /cds=(380,4243) /gb=M
	34829_at	Cluster Incl. U59151:Human Cbf5p homolog (CBF5) mRNA, complete cds /cds

- 34851_at Cluster Incl. AF011468:Homo sapiens serine/threonine kinase (BTAK) mRNA
 35312_at Cluster Incl. D21063:Human mRNA for KIAA0030 gene, partial cds /cds=(0,
 35839_at Cluster Incl. D78130:Homo sapiens mRNA for squalene epoxidase, complete
 37302_at Cluster Incl. U30872:Human mitotin mRNA, complete cds /cds=(72,9413) /g
5 38116_at Cluster Incl. D14657:Human mRNA for KIAA0101 gene, complete cds /cds=(6
 38456_s_at Cluster Incl. AL049650:dJ734P14.2.2 (snRNP (small nuclear ribonucleop
 38804_at Cluster Incl. AF053641:Homo sapiens brain cellular apoptosis susceptibi
 39109_at Cluster Incl. AB024704:Homo sapiens mRNA for fls353, complete cds /cds=
 41583_at Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (B
10 1943_at X51688 /FEATURE=mRNA /DEFINITION=HSCYCLINA Human mRNA for cyclin A
 1945_at M25753 /FEATURE=mRNA /DEFINITION=HUMCYCB Human cyclin B mRNA, 3 end
 1809_at AB003698 /FEATURE= /DEFINITION=AB003698 Homo sapiens mRNA for Cdc7-relat
 1651_at U73379 /FEATURE= /DEFINITION=HSU73379 Human cyclin-selective ubiquitin c
 1599_at L25876 /FEATURE= /DEFINITION=HUMPTPB Homo sapiens protein tyrosine phosph
15 1544_at U39817 /FEATURE= /DEFINITION=HSU39817 Human Bloom s syndrome protein (BL
 1536_at U77949 /FEATURE= /DEFINITION=HSU77949 Human Cdc6-related protein (HsCDC6
 1516_g_at Rad2
 1055_g_at M87339 /FEATURE= /DEFINITION=HUMACT1A Human replication factor C,
 37-k
20 904_s_at L47276 /FEATURE=UTR#1 /DEFINITION=HUMTOPATR Homo sapiens (cell
 line HL-
 572_at M86699 /FEATURE= /DEFINITION=HUMTTK Human kinase (TTK) mRNA, complete
 cds
 527_at U14518 /FEATURE= /DEFINITION=HSU14518 Human centromere protein-A (CENP-A)
25 419_at X65550 /FEATURE=exon#15 /DEFINITION=HSMKI67 H.sapiens mki67a mRNA (long t
 349_g_at D14678 /FEATURE= /DEFINITION=HUMMHCB Human mRNA for kinesin-
 related pro
 149_at U90426 /FEATURE= /DEFINITION=HSU90426 Human nuclear RNA helicase, complet
 151_s_at V00599 /FEATURE=mRNA /DEFINITION=HSTUB2 Human mRNA fragment
30 encoding be

METAGENE 328 :

- ans =
35 37472_at Cluster Incl. U60337:Homo sapiens beta-mannosidase mRNA, complete cds /
 37874_at Cluster Incl. Z47553:H.sapiens mRNA for flavin-containing monooxygenase
 38151_at Cluster Incl. AF002672:Homo sapiens breast cancer suppressor candidate
 39597_at Cluster Incl. AB020650:Homo sapiens mRNA for KIAA0843 protein, complete
 40038_at Cluster Incl. W02490:za48b02.r1 Homo sapiens cDNA, 5 end /clone=IMAGE-

- 32079_at Cluster Incl. AB014539:Homo sapiens mRNA for KIAA0639 protein, partial
 32664_at Cluster Incl. D37931:Human mRNA for RNase 4, complete cds /cds=(27,470)
 32685_at Cluster Incl. AB002349:Human mRNA for KIAA0351 gene, complete cds /cds=
 33749_at Cluster Incl. AB007455:Homo sapiens mRNA for P53TG1-A, complete cds /cd
 5 39752_at Cluster Incl. AF040704:Homo sapiens putative tumor suppressor protein (
 35834_at Cluster Incl. X59766:H.sapiens mRNA for Zn-alpha2-glycoprotein /cds=(10
 33140_at Cluster Incl. AF029893:Homo sapiens i-beta-1,3-N-acetylglucosaminyltran
 1103_at M11567 /FEATURE=mRNA /DEFINITION=HUMAGG Human angiogenin gene,
 complete

10

METAGENE 332 :

ans =

- 37149_s_at Cluster Incl. U95626:Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (c
 15 39295_s_at Cluster Incl. AF049884:Homo sapiens Arg/Abl-interacting protein ArgBP
 41087_at Cluster Incl. AC004774:Homo sapiens BAC clone RG300E22 from 7q21-q31.1
 33331_at Cluster Incl. U17077:Human BENE mRNA, partial cds /cds=(0,446) /gb=U170
 36053_at Cluster Incl. AF041248:Homo sapiens cyclin-dependent kinase inhibitor (
 37265_at Cluster Incl. D87074:Human mRNA for KIAA0237 gene, complete cds /cds=(4
 20 40466_at Cluster Incl. Z74792:H.sapiens mRNA for CCAAT transcription binding fac
 40508_at Cluster Incl. AF025887:Homo sapiens glutathione S-transferase A4-4 (GST
 33392_at Cluster Incl. AL080155:Homo sapiens mRNA; cDNA DKFZp434J154 (from clone
 34365_at Cluster Incl. AF042386:Homo sapiens cyclophilin-33B (CYP-33) mRNA, comp
 36118_at Cluster Incl. AJ000882:Homo sapiens mRNA for steroid receptor coactivat
 25 41806_at Cluster Incl. J04513:Human basic fibroblast growth factor (bFGF) 22.5 k
 1860_at U58334 /FEATURE= /DEFINITION=HSU58334 Human Bcl2, p53 binding protein Bb

METAGENE 334 :

30 ans =

- 32434_at Cluster Incl. D10522:Homo sapiens mRNA for 80K-L protein, complete cds
 37163_at Cluster Incl. AL050374:Homo sapiens mRNA; cDNA DKFZp586C1619 (from
 clon
 41368_at Cluster Incl. AA922934:oh10g06.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35 36491_at Cluster Incl. D82345:Homo sapiens mRNA for NB thymosin beta, complete c
 39379_at Cluster Incl. AL049397:Homo sapiens mRNA; cDNA DKFZp586C1019 (from
 clon
 41142_at Cluster Incl. U62961:Human succinyl CoA-3-oxoacid CoA transferase precu

- 32190_at Cluster Incl. AL050118:Homo sapiens mRNA; cDNA DKFZp586C201 (from clone
clone
32855_at Cluster Incl. L00352:Human low density lipoprotein receptor gene /cds=(
41517_g_at Cluster Incl. U95735:Human SNARE protein Ykt6 (YKT6) mRNA, complete c
5 2050_s_at M29870 /FEATURE= /DEFINITION=HUMRACA Human ras-related C3
botulinum to

METAGENE 344 :

- 10** ans =
31426_at Cluster Incl. U34806:Human G protein-coupled receptor (GPR15) gene, com
31495_at Cluster Incl. D63789:Homo sapiens DNA for SCM-1beta precursor, complete
31554_at Cluster Incl. X55019:H.sapiens mRNA for acetylcholine receptor delta su
31621_s_at Cluster Incl. M36860:Human elastin mRNA, complete cds /cds=(49,2241)
15 31626_i_at Cluster Incl. AF047485:Homo sapiens amine oxidase pseudogene mRNA, sp
31740_s_at Cluster Incl. AB008913:Homo sapiens mRNA for Pax-4, complete cds /cds
31745_at Cluster Incl. AF007194:Homo sapiens mucin (MUC3) mRNA, partial cds /cds
31975_at Cluster Incl. X55503:H.sapiens pseudogene for metallothionein and AG/CT
31993_f_at Cluster Incl. U80764:Human EST clone 122887 mariner transposon Hsmar1
20 32397_r_at Cluster Incl. AA079018:zm94e12.s1 Homo sapiens cDNA, 3 end /clone=IM
32468_f_at Cluster Incl. D90278:Human CGM1b mRNA for CD66d /cds=(61,594) /gb=D90
33011_at Cluster Incl. Y10148:H.sapiens mRNA for NTR2 receptor /cds=(36,1268) /g
33027_at Cluster Incl. W27906:39d11 Homo sapiens cDNA /gb=W27906 /gi=1307854 /ug
33071_at Cluster Incl. Z98744:histone H2B /cds=(5,382) /gb=Z98744 /gi=3080457 /u
25 33080_s_at Cluster Incl. AB007943:Homo sapiens mRNA for KIAA0474 protein, comple
33090_at Cluster Incl. AJ007292:Homo sapiens mRNA for ephrin-A2 /cds=(15,656) /g
33622_at Cluster Incl. Z26308:H.sapiens isoform 1 gene for L-type calcium channe
33640_at Cluster Incl. Y14768:Homo sapiens DNA, cosmid clones TN62 and TN82 /cds
34104_i_at Cluster Incl. AI147237:qb36f02.x1 Homo sapiens cDNA, 3 end /clone=IM
30 34108_g_at Cluster Incl. AJ005577:Homo sapiens pfkfb2 gene, exons 1 to 15 /cds=(
34131_at Cluster Incl. AB026891:Homo sapiens mRNA for cystine/glutamate transpor
34167_s_at Cluster Incl. AA984230:am82g03.s1 Homo sapiens cDNA, 3 end /clone=IM
35534_at Cluster Incl. AB011086:Homo sapiens mRNA for KIAA0514 protein, complete
32282_at Cluster Incl. U66047:Human clone Z3-1 placenta expressed mRNA from chro
35 33558_at Cluster Incl. Y09445:H.sapiens mRNA for transcription factor TBX5 /cds=
34005_at Cluster Incl. X73079:Homo sapiens encoding Polymeric immunoglobulin rec
34949_at Cluster Incl. AB028971:Homo sapiens mRNA for KIAA1048 protein, complete
34963_at Cluster Incl. AA557228:nl75c09.s1 Homo sapiens cDNA, 3 end /clone=IMAG
35379_at Cluster Incl. X54412:Human mRNA for alpha1(IX) collagen (long form) /cd

	35492_at	Cluster Incl. AC004523:Homo sapiens chromosome 19, cosmid F22329 /cds=(
	35864_at	Cluster Incl. Y00970:Human mRNA for acrosin (EC 3.4.21.10) /cds=(16,128
	35882_at	Cluster Incl. AI075181:oy96b04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35910_f_at	Cluster Incl. AJ003147:Homo sapiens complete genomic sequence between
5	37061_at	Cluster Incl. U29615:Human chitotriosidase precursor mRNA, complete cds
	37095_r_at	Cluster Incl. M84562:Human formyl peptide receptor-like receptor (FPR
	37140_s_at	Cluster Incl. AF061193:Homo sapiens ectodysplasin-A isoform EDA-E (ED
	37151_at	Cluster Incl. AF052120:Homo sapiens clone 23836 mRNA sequence /cds=UNKN
	37418_at	Cluster Incl. M36653:Human Oct-2 factor mRNA, complete cds /cds=UNKNOWN
10	37429_g_at	Cluster Incl. AI140857:qa83c11.s1 Homo sapiens cDNA, 3 end /clone=IM
	37517_at	Cluster Incl. AB028962:Homo sapiens mRNA for KIAA1039 protein, partial
	37796_at	Cluster Incl. AF053356:Homo sapiens chromosome 7q22 sequence /cds=(0,24
	38162_at	Cluster Incl. AF007156:Homo sapiens clone 23617 unknown mRNA, partial c
	38193_at	Cluster Incl. X96754:H.sapiens gene encoding kappa light chain constant
15	38538_at	Cluster Incl. AB014602:Homo sapiens mRNA for KIAA0702 protein, complete
	38607_at	Cluster Incl. AF027204:Homo sapiens putative tetraspan transmembrane pr
	39609_at	Cluster Incl. U80457:Human transcription factor SIM2 short form mRNA, c
	40376_at	Cluster Incl. X83573:Homo sapiens ARSE gene, complete CDS /cds=(67,1836
	40651_s_at	Cluster Incl. AF039523:untitled /cds=(0,1334) /gb=AF039523 /gi=282812
20	41034_s_at	Cluster Incl. U92315:Homo sapiens hydroxysteroid sulfotransferase SUL
	31810_g_at	Cluster Incl. Z21488:H.sapiens contactin mRNA /cds=(121,3177) /gb=Z21
	31819_at	Cluster Incl. AI796281:wh49a09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	32104_i_at	Cluster Incl. U66063:Homo sapiens calcium/calmodulin-dependent protei
	32701_at	Cluster Incl. U51269:Human armadillo repeat protein mRNA, complete cds
25	32739_at	Cluster Incl. AA001791:zh86c04.r1 Homo sapiens cDNA, 5 end /clone=IMAG
	35201_at	Cluster Incl. X16135:Human mRNA for novel heterogeneous nuclear RNP pro
	36557_at	Cluster Incl. M92303:Human voltage-dependent calcium channel beta-1 sub
	37285_at	Cluster Incl. X60364:Human ALAS mRNA for 5-aminolevulinate synthase pre
	37633_s_at	Cluster Incl. J04129:Human placental protein 14 (PP14) mRNA, complete
30	37905_r_at	Cluster Incl. X66436:H.sapiens hsr1 mRNA (partial) /cds=UNKNOWN /gb=X
	38297_at	Cluster Incl. X98654:H.sapiens mRNA for DRES9 protein /cds=(189,3923) /
	39335_at	Cluster Incl. AI074025:oy66g12.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	32220_at	Cluster Incl. D63874:Human mRNA for HMG-1, complete cds /cds=(76,723) /
	34351_at	Cluster Incl. AL022394:dJ511B24.2 (1-Phosphatidylinositol-4,5-Bisphosph
35	34405_at	Cluster Incl. U47927:Human isopeptidase T (ISOT) mRNA, complete cds /cd
	34846_at	Cluster Incl. AF112472:Homo sapiens calcium/calmodulin-dependent protei
	38822_at	Cluster Incl. AB011420:Homo sapiens mRNA for DRAK1, complete cds /cds=(
	39451_i_at	Cluster Incl. AF050145:Homo sapiens iduronate-2-sulfatase (IDS) mRNA,
	39459_at	Cluster Incl. W28765:51d2 Homo sapiens cDNA /gb=W28765 /gi=1308713 /ug=

- 39474_s_at Cluster Incl. AF045800:Homo sapiens gremlin mRNA, complete cds /cds=(
 39490_f_at Cluster Incl. W26381:29b11 Homo sapiens cDNA /gb=W26381 /gi=1307098 /
 39500_s_at Cluster Incl. AL049299:Homo sapiens mRNA; cDNA DKFZp564P233 (from clo
 39508_at Cluster Incl. AI201607:qb81b03.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 5 40904_at Cluster Incl. AI857673:wk96c02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41001_at Cluster Incl. AB023202:Homo sapiens mRNA for KIAA0985 protein, complete
 41286_at Cluster Incl. X77753:H.sapiens TROP-2 gene /cds=(615,1586) /gb=X77753 /
 41799_at Cluster Incl. W28595:48h8 Homo sapiens cDNA /gb=W28595 /gi=1308543 /ug=
 32525_r_at Cluster Incl. W29012:55a6 Homo sapiens cDNA /gb=W29012 /gi=1308969 /u
 10 32540_at Cluster Incl. AI762547:wh92e05.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 1967_f_at U18334 /FEATURE=cds /DEFINITION=HSUNOSIIC1 Human nitric oxide
 synthase
 1804_at X07730 /FEATURE= /DEFINITION=HSPSA Human mRNA for prostate specific anti
 1432_s_at D16105 /FEATURE= /DEFINITION=HUMLTKLP2 Human mRNA for leukocyte
 15 tyrosi
 1296_at D83542 /FEATURE= /DEFINITION=HUMC15A Homo sapiens mRNA for cadherin-15,
 1089_i_at M64936 /FEATURE= /DEFINITION=HUMRIRT Homo sapiens retinoic acid-
 induci
 970_r_atX98296 /FEATURE=cds /DEFINITION=HSUBIQHYD H.sapiens mRNA for ubiquitin
 20 916_at L18983 /FEATURE=mRNA /DEFINITION=HUMTYROPHO Homo sapiens tyrosine
 phospho
 870_f_atM93311 /FEATURE=cds /DEFINITION=HUMMETIII Human metallothionein-III gen
 726_f_atChorionic Somatomammotropin Hormone Cs-5
 259_s_at M16441 /FEATURE=cds#2 /DEFINITION=HUMTNFAB Human tumor necrosis
 25 factor

METAGENE 347 :

- ans =
 30 33647_s_at Cluster Incl. AA224768:nc12d09.r1 Homo sapiens cDNA /clone=IMAGE-1007
 35934_at Cluster Incl. L19161:Human translation initiation factor eIF-2 gamma su
 37507_i_at Cluster Incl. AA675900:g02504r Homo sapiens cDNA, 5 end /clone=g0250
 38230_at Cluster Incl. U81984:Human endothelial PAS domain protein 1 (EPAS1) mRN
 38881_i_at Cluster Incl. AF096870:Homo sapiens estrogen-responsive B box protein
 35 32038_s_at Cluster Incl. AI739308:wi30c12.x1 Homo sapiens cDNA, 3 end /clone=IM
 40100_at Cluster Incl. U72206:Human guanine nucleotide regulatory factor (LFP40)
 40845_at Cluster Incl. U10324:Human nuclear factor NF90 mRNA, complete cds /cds=
 33818_at Cluster Incl. AC004472:Homo sapiens chromosome 9, P1 clone 11659 /cds=(
 34374_g_at Cluster Incl. Z97054:Human DNA sequence from PAC 339A18 on chromosome

- 35287_at Cluster Incl. AF046888:Homo sapiens proliferation inducing ligand APRIL
- 37024_at Cluster Incl. AF010312:Homo sapiens Pig7 (PIG7) mRNA, complete cds /cds
- 38393_at Cluster Incl. D87434:Human mRNA for KIAA0247 gene, complete cds /cds=(2
- 38401_s_at Cluster Incl. W27594:34h4 Homo sapiens cDNA /gb=W27594 /gi=1307542 /u
- 5 2025_s_at M80261 /FEATURE= /DEFINITION=HUMAPE Human apurinic endonuclease (APE)
- 1950_s_at AB004922 /FEATURE=cds /DEFINITION=AB004922S1 Homo sapiens gene for Sma
- 1936_s_at Proto-Oncogene C-Myc, Alt. Splice 3, Orf 114
- 10 1272_at L19161 /FEATURE= /DEFINITION=HUMIEF2G Human translation initiation facto
- 1244_at U18671 /FEATURE=mRNA /DEFINITION=HSU18671 Human Stat2 gene, complete cds
- 1220_g_at X15949 /FEATURE=cds /DEFINITION=HSIRF2 Human mRNA for interferon regul
- 1199_at D13748 /FEATURE= /DEFINITION=HUM4AI Human mRNA for eukaryotic initiation
- 15 898_s_at L37360 /FEATURE= /DEFINITION=HUMEFL2 Homo sapiens (clone hEHK1-L) EHK1
- 612_s_at M19650 /FEATURE= /DEFINITION=HUMCNPDEA Human 2 ,3 -cyclic nucleotide 3
- 463_g_at U70862 /FEATURE= /DEFINITION=HSU70862 Human nuclear factor I B3
- 20 mRNA, c
- 421_at X66397 /FEATURE=cds /DEFINITION=HSTPRM H.sapiens tpr mRNA

METAGENE 351 :

- 25 ans =
- 32001_s_at Cluster Incl. M80482:Human subtilisin-like protein (PACE4) mRNA, comp
- 35055_at Cluster Incl. X53281:H.sapiens BTF3b mRNA /cds=(239,727) /gb=X53281 /gi
- 34042_at Cluster Incl. U96769:Homo sapiens chondroadherin gene, 5flanking region
- 35437_at Cluster Incl. M88461:Human neuropeptide Y peptide YY receptor mRNA, com
- 30 37486_f_at Cluster Incl. U68385:Human Meis1-related protein 2 (MRG2), mRNA, part
- 37811_at Cluster Incl. AF042792:Homo sapiens alpha 2 delta calcium channel subun
- 38167_at Cluster Incl. AB020704:Homo sapiens mRNA for KIAA0897 protein, partial
- 38954_at Cluster Incl. Y18423:Homo sapiens VIP2R gene, exons 1-2 (and joined CDS
- 39583_at Cluster Incl. AF030435:Homo sapiens glioma amplified on chromosome 1 pr
- 35 39992_at Cluster Incl. AF030302:Homo sapiens p45-BWR1A (BWR1-A) mRNA, complete c
- 40016_g_at Cluster Incl. AB002301:Human mRNA for KIAA0303 gene, partial cds /cds
- 41655_at Cluster Incl. AL034399:dA191P20.2 (novel Fibronectin type III domain co
- 35175_f_at Cluster Incl. X70940:H.sapiens mRNA for elongation factor 1 alpha-2 /

- 35216_at Cluster Incl. X79440:H.sapiens mRNA for NADP+-dependent malic enzyme /c
 36499_at Cluster Incl. D87469:Human mRNA for KIAA0279 gene, partial cds /c=(0,
 36859_at Cluster Incl. AF067724:Homo sapiens nm23-H5 mRNA, complete cds /c=(48
 38688_at Cluster Incl. AB007930:Homo sapiens mRNA for KIAA0461 peroteine, partial
 5 39014_at Cluster Incl. D84239:Homo sapiens mRNA for IgG Fc binding protein, comp
 39378_at Cluster Incl. U17999:HSU17999 Homo sapiens cDNA /clone=B49B32B27 /gb=U1
 39421_at Cluster Incl. D43969:Human AML1 mRNA for AML1c protein (alternatively s
 39781_at Cluster Incl. U20982:Human insulin-like growth factor binding protein-4
 33452_at Cluster Incl. M15518:Human tissue-type plasminogen activator (t-PA) mRNA
 10 33825_at Cluster Incl. X68733:H.sapiens gene for alpha1-antichymotrypsin, exon 1
 34408_at Cluster Incl. AF004222:Homo sapiens RTN2-A (RTN2) mRNA, complete cds /c
 35778_at Cluster Incl. AB011103:Homo sapiens mRNA for KIAA0531 protein, complete
 36179_at Cluster Incl. U12779:Human MAP kinase activated protein kinase 2 mRNA,
 40986_s_at Cluster Incl. AA058852:zf65a11.s1 Homo sapiens cDNA, 3 end /clone=IM
 15 41328_s_at Cluster Incl. AL096717:Homo sapiens mRNA; cDNA DKFZp564P0662 (from cl
 1737_s_at M62403 /FEATURE= /DEFINITION=HUMIGFBP5 Human insulin-like growth
 facto
 1241_at U14603 /FEATURE= /DEFINITION=HSU14603 Human protein-tyrosine phosphatase
 943_at D43968 /FEATURE= /DEFINITION=HUMAML1BA Human AML1 mRNA for AML1b
 20 protein
 573_at M86826 /FEATURE= /DEFINITION=HUMIGFACID Human IGF binding protein
 complex
 METAGENE 365 :
 25 ans =
 31593_at Cluster Incl. Z70200:H.sapiens gene for U5 snRNP-specific 200kD protein
 31597_r_at Cluster Incl. L36055:Human 4E-binding protein 1 mRNA, complete cds /c
 33642_s_at Cluster Incl. U17986:Human GABA/noradrenaline transporter mRNA, compl
 30 34016_s_at Cluster Incl. X78338:Synthetic adenovirus transformed human retina ce
 35438_at Cluster Incl. X87852:H.sapiens mRNA for SEX gene /c=(184,5799) /gb=X8
 38200_at Cluster Incl. U11690:Human faciogenital dysplasia (FGD1) mRNA, complete
 39235_at Cluster Incl. AC003038:Human DNA from chromosome 19-specific cosmid R30
 35243_at Cluster Incl. AA535884:nf90d04.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 35 37965_at Cluster Incl. AA181053:zp66g11.s1 Homo sapiens cDNA, 3 end /clone=IMAG
 40465_at Cluster Incl. AF026402:Homo sapiens U5 snRNP 100 kD protein mRNA, compl
 36987_at Cluster Incl. M94362:Human lamin B2 (LAMB2) mRNA, partial cds /c=(0,1
 37719_at Cluster Incl. AF070539:Homo sapiens clone 24433 myelodysplasia/myeloid
 32543_at Cluster Incl. M84739:Human autoantigen calreticulin mRNA, complete cds

- 32559_s_at Cluster Incl. AJ238096:Homo sapiens mRNA for Lsm4 protein /cds=(23,44
1979_s_at X55504 /FEATURE=cds /DEFINITION=HSP120A H.sapiens mRNA for P120
antige
1775_at L24559 /FEATURE= /DEFINITION=HUMDNPOLA Homo sapiens DNA polymerase
5 alph
1781_at M25269 /FEATURE= /DEFINITION=HUMELK1A Homo sapiens tyrosine kinase (ELK1
1752_at AD000092 /FEATURE=cds#6 /DEFINITION=CH19HHR23 Homo sapiens DNA from chro
1462_s_at M80397 /FEATURE= /DEFINITION=HUMDNAPOLC Human DNA polymerase
delta cat
10 1224_at X66363 /FEATURE=cds /DEFINITION=HSSTHPKD H.sapiens mRNA PCTAIRE-1 for se
1225_g_at X66363 /FEATURE=cds /DEFINITION=HSSTHPKD H.sapiens mRNA
PCTAIRE-1 for
1100_at L76191 /FEATURE=mRNA /DEFINITION=HUMI1R Homo sapiens interleukin-1 recep
410_s_at X57152 /FEATURE=mRNA#1 /DEFINITION=HSCKIIBE Human gene for casein
15 kinas

METAGENE 369 :

- ans =
20 31364_i_at Cluster Incl. W27762:37c6 Homo sapiens cDNA /gb=W27762 /gi=1307710 /u
33943_at Cluster Incl. L20941:Human ferritin heavy chain mRNA, complete cds /cds
33237_at Cluster Incl. AB018344:Homo sapiens mRNA for KIAA0801 protein, complete
36507_at Cluster Incl. D30612:Homo sapiens mRNA for repressor protein, partial c
37961_at Cluster Incl. U90907:Human clone 23907 mRNA sequence /cds=UNKNOWN
25 /gb=U
38712_at Cluster Incl. AL035291:H.sapiens gene from PACs 125H23 and 105D12 /cds=
38969_at Cluster Incl. AI828168:wk32h09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
35833_at Cluster Incl. AL080184:Homo sapiens mRNA; cDNA DKFZp434O071 (from
clone
30 38381_at Cluster Incl. U32315:Human syntaxin 3 mRNA, complete cds /cds=(38,907)
41296_s_at Cluster Incl. W27761:37c5 Homo sapiens cDNA /gb=W27761 /gi=1307709 /u
1904_at D50692 /FEATURE= /DEFINITION=HUMAMY1 Homo sapiens mRNA for c-myc
binding
160033_s_at NM_006297 /FEATURE=mRNA /DEFINITION=Homo sapiens X-ray repair
35 comple

METAGENE 389 :

ans =

	32430_at	Cluster Incl. M73481:Human gastrin releasing peptide receptor (GRPR) mR
	37142_at	Cluster Incl. AF038421:Homo sapiens GPI-linked anchor protein (GFRA1) m
	38875_r_at	Cluster Incl. AB011147:Homo sapiens mRNA for KIAA0575 protein, comple
	39616_at	Cluster Incl. AL050227:Homo sapiens mRNA; cDNA DKFZp586M0723 (from
5	clon	
	39642_at	Cluster Incl. AL080199:Homo sapiens mRNA; cDNA DKFZp434E082 (from
	clone	
	41048_at	Cluster Incl. D90070:Human ATL-derived PMA-responsive (APR) peptide mRN
	32027_at	Cluster Incl. AF012281:Homo sapiens PDZ domain containing-protein (PDZK
10	32043_at	Cluster Incl. AF098462:Homo sapiens stanniocalcin-related protein mRNA,
	32686_at	Cluster Incl. D86096:Human DNA for prostaglandin E receptor EP3 subtype
	33799_at	Cluster Incl. U76248:Human hSIAH2 mRNA, complete cds /cds=(526,1500) /g
	33800_at	Cluster Incl. AF036927:Homo sapiens adenylyl cyclase type IX mRNA, comp
	34678_at	Cluster Incl. AL096713:Homo sapiens mRNA; cDNA DKFZp564E1616 (from
15	clon	
	37273_at	Cluster Incl. AF007153:Homo sapiens clone 23736 mRNA sequence /cds=UNKN
	37638_at	Cluster Incl. D50857:Human DOCK180 protein mRNA, complete cds /cds=(23,
	37902_at	Cluster Incl. L13278:Homo sapiens zeta-crystallin/quinone reductase mRN
	38254_at	Cluster Incl. AB020689:Homo sapiens mRNA for KIAA0882 protein, partial
20	39055_at	Cluster Incl. M32886:Human sorcin CP-22 mRNA, complete cds /cds=(12,608
	39714_at	Cluster Incl. AF042081:Homo sapiens SH3 domain binding glutamic acid-ri
	40088_at	Cluster Incl. X84373:H.sapiens mRNA for nuclear factor RIP140 /cds=(287
	40790_at	Cluster Incl. AB004066:Homo sapiens mRNA for DEC1, complete cds /cds=(1
	33405_at	Cluster Incl. N90755:zb22c08.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
25	33821_at	Cluster Incl. AL034374:Human DNA sequence from clone 483K16 on chromoso
	34785_at	Cluster Incl. AB028948:Homo sapiens mRNA for KIAA1025 protein, partial
	35356_at	Cluster Incl. W21884:58c2 Homo sapiens cDNA /clone=(not-directional) /g
	35371_at	Cluster Incl. M83822:Human beige-like protein (BGL) mRNA, partial cds /
	35842_at	Cluster Incl. AL049265:Homo sapiens mRNA; cDNA DKFZp564F053 (from
30	clone	
	36634_at	Cluster Incl. U72649:Human BTG2 (BTG2) mRNA, complete cds /cds=(71,547)
	37027_at	Cluster Incl. M80899:Human novel protein AHNAK mRNA, partial sequence /
	37038_at	Cluster Incl. X83467:H.sapiens PXMP1 gene, exon 1 (and joined CDS) /cds
	38078_at	Cluster Incl. AF042166:Homo sapiens beta-filamin mRNA, complete cds /cd
35	38415_at	Cluster Incl. U14603:Human protein-tyrosine phosphatase (HU-PP-1) mRNA,
	40220_at	Cluster Incl. AB021179:Homo sapiens mRNA for HEXIM1 protein, complete c
	32510_at	Cluster Incl. AF026947:Homo sapiens aflatoxin aldehyde reductase AFAR m
	2042_s_at	M15024 /FEATURE= /DEFINITION=HUMCMYBLA Human c-myb mRNA,
	complete cds	

1909_at M14745 /FEATURE= /DEFINITION=HUMBCL2C Human bcl-2 mRNA

1798_at U41060 /FEATURE= /DEFINITION=HSU41060 Human breast cancer, estrogen regu

376_at AB000220 /FEATURE= /DEFINITION=AB000220 Homo sapiens mRNA for semaphorin

377_g_at AB000220 /FEATURE= /DEFINITION=AB000220 Homo sapiens mRNA for

5 semaphori

310_s_at J03778 /FEATURE= /DEFINITION=HUMTAUA Human microtubule-associated
prote

METAGENE 393 :

10

ans =

35061_at Cluster Incl. AF030514:Homo sapiens interferon stimulated T-cell alpha

37126_at Cluster Incl. M62800:Human 52-kD SS-A/Ro autoantigen mRNA, complete cds

37168_at Cluster Incl. AB013924:Homo sapiens mRNA for TSC403 protein, complete c

15 37420_i_at

Cluster Incl. AL022723:dJ377H14.9 (major histocompatibility complex,

39988_at Cluster Incl. M74447:Human PSF-2 mRNA, complete cds /cds=(96,2207) /gb=

33304_at Cluster Incl. U88964:Human HEM45 mRNA, complete cds /cds=(37,582) /gb=U

36472_at Cluster Incl. U32849:Homo sapiens Nmi mRNA, complete cds /cds=(280,1203

36825_at Cluster Incl. X82200:H.sapiens Staf50 mRNA /cds=(122,1450) /gb=X82200 /

20

37219_at Cluster Incl. X72755:H.sapiens Humig mRNA /cds=(39,416) /gb=X72755 /gi=

37944_at Cluster Incl. U19523:Human GTP cyclohydrolase I mRNA, complete cds /cds

38287_at Cluster Incl. AA808961:nw16h03.s1 Homo sapiens cDNA /clone=IMAGE-124066

40153_at Cluster Incl. X57522:H.sapiens RING4 cDNA /cds=(30,2456) /gb=X57522 /gi

41171_at Cluster Incl. D45248:Human mRNA for proteasome activator hPA28 subunit

25

41237_at Cluster Incl. D32129:Human mRNA for HLA class-I (HLA-A26) heavy chain,

32859_at Cluster Incl. M97935:Homo sapiens transcription factor ISGF-3 mRNA, com

32860_g_at Cluster Incl. M97935:Homo sapiens transcription factor ISGF-3 mRNA, c

33338_at Cluster Incl. M97936:Human transcription factor ISGF-3 mRNA sequence /c

33339_g_at Cluster Incl. M97936:Human transcription factor ISGF-3 mRNA sequence

30

35735_at Cluster Incl. M55542:Human guanylate binding protein isoform I (GBP-2)

37352_at Cluster Incl. M60618:Human nuclear autoantigen (SP-100) mRNA, complete

38759_at Cluster Incl. U97502:Homo sapiens butyrophilin (BT3.3) gene /cds=(73,22

38760_f_at Cluster Incl. U90546:Human butyrophilin (BTF4) mRNA, complete cds /cd

1184_at D45248 /FEATURE= /DEFINITION=HUMPHPA28A Human mRNA for proteasome

35

activa

1021_at J00219 /FEATURE=mRNA /DEFINITION=HUMIFNG Human immune interferon (IFN-ga

669_s_at L05072 /FEATURE=expanded_cds /DEFINITION=HUMIFNRF1A Homo sapiens
interfe

495_at U31628 /FEATURE= /DEFINITION=HSU31628 Human interleukin-15 receptor alpha

431_at X02530 /FEATURE=cds /DEFINITION=HSINFGFR Human mRNA for gamma-interferon

METAGENE 399 :

- 5** ans =
- 35484_at Cluster Incl. U95737:Human Chromosome 16 BAC clone CIT987SK-A-388D4 /cd
- 36173_r_at Cluster Incl. AF002163:Homo sapiens delta-adaptin mRNA, complete cds
- 2023_g_at M77198 /FEATURE= /DEFINITION=HUMRPKB Human rac protein kinase beta mRNA

10

METAGENE 408 :

- ans =
- 36412_s_at Cluster Incl. U53831:Homo sapiens interferon regulatory factor 7B mRNA
- 15** 34491_at Cluster Incl. AJ225089:Homo sapiens mRNA for 2-5 oligoadenylate synthetase
- 38517_at Cluster Incl. M87503:Human IFN-responsive transcription factor subunit
- 38549_at Cluster Incl. AF026941:Homo sapiens cig5 mRNA, partial sequence /cds=UN
- 38584_at Cluster Incl. AF026939:Homo sapiens CIG49 (cig49) mRNA, complete cds /c
- 39263_at Cluster Incl. M87434:Human 71 kDa 25 oligoadenylate synthetase (p69 2-
- 20** 41045_at Cluster Incl. U77643:Homo sapiens K12 protein precursor mRNA, complete
- 31812_at Cluster Incl. M24470:Human glucose-6-phosphate dehydrogenase, complete
- 32114_s_at Cluster Incl. S46950:adenosine A2 receptor [human, hippocampal, mRNA,
- 33236_at Cluster Incl. AF060228:Homo sapiens retinoic acid receptor responder 3
- 35718_at Cluster Incl. L22342:Human nuclear phosphoprotein mRNA, complete cds /c
- 25** 36927_at Cluster Incl. AB000115:Homo sapiens mRNA expressed in osteoblast, compl
- 37641_at Cluster Incl. D28915:Human gene for hepatitis C-associated microtubular
- 38662_at Cluster Incl. AL047596:DKFZp586G0421_s1 Homo sapiens cDNA
- /clone=DKFZp5
- 39061_at Cluster Incl. D28137:Human mRNA for BST-2, complete cds /cds=(9,551) /g
- 30** 40505_at Cluster Incl. AA883502:am25h07.s1 Homo sapiens cDNA, 3 end /clone=IMAG
- 41745_at Cluster Incl. X57352:Human 1-8U gene from interferon-inducible gene fam
- 32775_r_at Cluster Incl. AB006746:Homo sapiens hMmTRA1b mRNA, complete cds /cds=
- 32814_at Cluster Incl. M24594:Human interferon-inducible 56 Kd protein mRNA, com
- 37014_at Cluster Incl. M33882:Human p78 protein mRNA, complete cds /cds=(345,233
- 35** 37353_g_at Cluster Incl. M60618:Human nuclear autoantigen (SP-100) mRNA, complet
- 37360_at Cluster Incl. U66711:Human Ly-6-related protein (9804) gene, complete c
- 38388_at Cluster Incl. M11810:Human (2-5) oligo A synthetase E gene /cds=(0,120
- 38389_at Cluster Incl. X04371:Human 1.6Kb mRNA for 2-5A synthetase induced by in
- 38432_at Cluster Incl. AA203213:zx57e04.r1 Homo sapiens cDNA, 5 end /clone=IMAG

- 1358_s_at U22970 /FEATURE=mRNA#1 /DEFINITION=HSU22970 Human interferon-inducible
- 1107_s_at M13755 /FEATURE=mRNA /DEFINITION=HUMIFN15K Human interferon-induced 17
- 5** 915_at M24594 /FEATURE=mRNA /DEFINITION=HUMI56KD Human interferon-inducible 56
- 879_at M30818 /FEATURE=mRNA /DEFINITION=HUMMXB Human interferon-induced cellular
- 675_at J04164 /FEATURE= /DEFINITION=HUM927A Human interferon-inducible protein 9
- 626_s_at L78833 /FEATURE=cds#5 /DEFINITION=HUMBRCA1 Human BRCA1, Rho7
- 10** and vatI g
- 464_s_at U72882 /FEATURE= /DEFINITION=HSU72882 Human interferon-induced leucine
- 425_at X67325 /FEATURE=cds /DEFINITION=HSP27 H.sapiens p27 mRNA
- 269_at L40387 /FEATURE=cds /DEFINITION=HUMTRIP14G Homo sapiens thyroid receptor
- 15** METAGENE 440 :
- ans =
- 31350_at Cluster Incl. AC004597:Homo sapiens chromosome 19, cosmid F20722 /cds=(
- 20** 31439_f_at Cluster Incl. X63095:H.sapiens mRNA for rhesus polypeptide (RhVI) /cd
- 31478_at Cluster Incl. M16653:Human pancreatic elastase IIB mRNA, complete cds /
- 31590_g_at Cluster Incl. AL031983:dJ271M21.2 (hs6M1-12 (7 transmembrane receptor
- 31775_at Cluster Incl. X65018:H.sapiens mRNA for lung surfactant protein D /cds=
- 31785_f_at Cluster Incl. U92817:Homo sapiens unnamed HERV-H protein mRNA, comple
- 25** 31930_f_at Cluster Incl. X63096:H.sapiens mRNA for rhesus polypeptide (RhVIII) /
- 31991_at Cluster Incl. AL049430:Homo sapiens mRNA; cDNA DKFZp586H201 (from clone
- 32007_at Cluster Incl. W29045:55e12 Homo sapiens cDNA /gb=W29045 /gi=1309002 /ug
- 32010_at Cluster Incl. Z82180:Human DNA sequence from clone E81G9 on chromosome
- 30** 32407_f_at Cluster Incl. U92818:Homo sapiens c33.28 unnamed HERV-H protein mRNA,
- 33651_at Cluster Incl. AB013456:Homo sapiens hAQP8 mRNA for aquaporin 8, complet
- 33670_at Cluster Incl. X74439:H.sapiens mRNA for estrogen receptor gene 5flankin
- 34060_g_at Cluster Incl. AA586695:nn42h06.s1 Homo sapiens cDNA, 3 end /clone=IM
- 34067_at Cluster Incl. AL022314:dJ1170K4.2 (novel Trypsin family protein with cl
- 35** 34139_at Cluster Incl. AL049651:Human DNA sequence from clone 753D10 on chromoso
- 34634_s_at Cluster Incl. U68487:Human 5-hydroxytryptamine7 receptor isoform b mR
- 34636_at Cluster Incl. M23892:Human 15-lipoxygenase mRNA, complete cds /cds=(3,1
- 35091_at Cluster Incl. AA706226:ah28a07.s1 Homo sapiens cDNA, 3 end /clone=1240
- 35536_at Cluster Incl. AB011176:Homo sapiens mRNA for KIAA0604 protein, complete

	36332_at	Cluster Incl. U40391:Human serotonin N-acetyltransferase gene, complete
	36375_at	Cluster Incl. X74614:H.sapiens ODF2 (allele 2) gene for outer dense fib
	36407_at	Cluster Incl. AL050220:Homo sapiens mRNA; cDNA DKFZp586J1923 (from clon
	36411_s_at	Cluster Incl. U29943:Human ELAV-like neuronal protein-2 Hel-N2 mRNA,
5	32271_at	Cluster Incl. X16707:Human fra-1 mRNA /cds=(34,849) /gb=X16707 /gi=3146
	32866_at	Cluster Incl. AB011177:Homo sapiens mRNA for KIAA0605 protein, complete
	32898_at	Cluster Incl. U20582:Human actin-like peptide mRNA, partial cds /cds=(2
	32915_at	Cluster Incl. AL109730:Homo sapiens mRNA full length insert cDNA clone
	33470_at	Cluster Incl. AF052177:Homo sapiens clone 24510 mRNA sequence /cds=UNKN
10	33521_at	Cluster Incl. M63962:Human gastric H,K-ATPase catalytic subunit gene, c
	33545_at	Cluster Incl. M81758:Homo sapiens skeletal muscle voltage-dependent sod
	33568_at	Cluster Incl. U48861:Human beta 4 nicotinic acetylcholine receptor subu
	34425_at	Cluster Incl. AF031469:Homo sapiens MHC class I related protein 1 isofo
	34457_at	Cluster Incl. U76010:Human putative zinc transporter ZnT-3 (ZnT-3) mRNA
15	34527_r_at	Cluster Incl. AF052108:Homo sapiens clone 23687 mRNA sequence /cds=UN
	34981_at	Cluster Incl. M55513:Human potassium channel (HPCN1) mRNA, complete cds
	35485_at	Cluster Incl. X80818:H.sapiens mRNA for metabotropic glutamate receptor
	35899_at	Cluster Incl. AF109401:Homo sapiens neurotrophic factor artemin precurs
	35915_at	Cluster Incl. X82540:H.sapiens mRNA for activin beta-C chain /cds=(127,
20	35939_s_at	Cluster Incl. L20433:Human octamer binding transcription factor 1 (OT
	35950_at	Cluster Incl. U90841:Homo sapiens SSX4 (SSX4) mRNA, complete cds /cds=(
	36276_at	Cluster Incl. X67734:H.sapiens mRNA for transient axonal glycoprotein (
	36285_at	Cluster Incl. U07364:Human inwardly rectifying potassium channel mRNA,
	36298_at	Cluster Incl. L14565:Human peripherin (PRPH) gene exons 1-9, complete c
25	36702_at	Cluster Incl. AJ010277:Homo sapiens mRNA for TBX19 protein /cds=(51,139
	36706_at	Cluster Incl. Y15057:Homo sapiens mRNA for STK9 protein /cds=(221,3313)
	36754_at	Cluster Incl. X60435:H.sapiens gene PACAP for pituitary adenylate cycla
	37853_at	Cluster Incl. AI857458:w157e02.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	38507_at	Cluster Incl. X16867:Human mRNA for cytochrome P-450IID (clone pMP34) /
30	38558_at	Cluster Incl. M29273:Human myelin-associated glycoprotein (MAG) mRNA, c
	38851_at	Cluster Incl. M63394:Human 3 nucleotide sequence mRNA /cds=UNKNOWN
	/gb=	
	38860_at	Cluster Incl. U66346:Homo sapiens cAMP phosphodiesterase (PDE4C) mRNA,
	38897_at	Cluster Incl. AJ000730:Homo sapiens mRNA for cationic amino acid transp
35	38942_r_at	Cluster Incl. W28610:49b12 Homo sapiens cDNA /gb=W28610 /gi=1308558 /
	39242_at	Cluster Incl. X96783:H.sapiens Syt V gene (genomic and cDNA sequence) /
	39245_at	Cluster Incl. U72507:Human 40871 mRNA partial sequence /cds=UNKNOWN /gb
	39990_at	Cluster Incl. U07559:Human ISL-1 (Islet-1) mRNA, complete cds /cds=(248
	40299_at	Cluster Incl. AF091890:Homo sapiens G-protein coupled receptor RE2 mRNA

	40317_at	Cluster Incl. U57352:Human sodium channel 1 (hBNaC1) mRNA, complete cds
	40643_at	Cluster Incl. M34480:Human platelet glycoprotein IIb (GPIIb) mRNA, comp
	41647_at	Cluster Incl. W28742:51a7 Homo sapiens cDNA /gb=W28742 /gi=1308690 /ug=
	32029_at	Cluster Incl. AF017995:Homo sapiens 3-phosphoinositide dependent protei
5	32710_at	Cluster Incl. X83127:H.sapiens mRNA for voltage gated potassium channel
	33779_at	Cluster Incl. AF060538:Homo sapiens vesicle associated membrane protein
	34655_at	Cluster Incl. AI951832:wx38b09.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	35685_at	Cluster Incl. Z14000:H.sapiens RING1 gene /cds=(75,1208) /gb=Z14000 /gi
	36011_at	Cluster Incl. AF035531:Homo sapiens syntaxin 10 mRNA, complete cds /cds
10	36037_g_at	Cluster Incl. J05500:Human beta-spectrin (SPTB) mRNA, complete cds /c
	36546_r_at	Cluster Incl. AB011114:Homo sapiens mRNA for KIAA0542 protein, comple
	36815_at	Cluster Incl. AF038185:Homo sapiens clone 23700 mRNA sequence /cds=UNKN
	36883_at	Cluster Incl. X14640:Human mRNA for keratin 13 /cds=(42,1418) /gb=X1464
	36907_at	Cluster Incl. M88468:Homo sapiens mevalonate kinase mRNA, complete cds
15	37191_at	Cluster Incl. D87463:Human mRNA for KIAA0273 gene, complete cds /cds=(4
	37270_at	Cluster Incl. AF007876:Homo sapiens Na,K-ATPase beta 2 subunit gene, co
	38624_at	Cluster Incl. AF054506:Homo sapiens erythroid K-Cl cotransporter splici
	38646_s_at	Cluster Incl. AI763065:wi64h03.x1 Homo sapiens cDNA, 3 end /clone=IM
	38660_at	Cluster Incl. F27891:HSPD16170 Homo sapiens cDNA /clone=s4000025D03 /gb
20	40094_r_at	Cluster Incl. X80026:H.sapiens B-cam mRNA /cds=(6,1772) /gb=X80026 /g
	40442_f_at	Cluster Incl. W26019:18b9 Homo sapiens cDNA /gb=W26019 /gi=1306304 /u
	40507_at	Cluster Incl. K03195:Human (HepG2) glucose transporter gene mRNA, compl
	32810_at	Cluster Incl. AF019369:untitled /cds=(89,826) /gb=AF019369 /gi=2623563
	34832_s_at	Cluster Incl. AB018306:Homo sapiens mRNA for KIAA0763 protein, comple
25	35756_at	Cluster Incl. AF089816:Homo sapiens RGS-GAIP interacting protein GIPC m
	36615_at	Cluster Incl. M83751:Human arginine-rich protein (ARP) gene, complete c
	38027_at	Cluster Incl. X53742:H.sapiens mRNA for fibulin-1 B /cds=(10,1815) /gb=
	38048_at	Cluster Incl. D84110:Homo sapiens mRNA for RBP-MS/type 4, complete cds
	38058_at	Cluster Incl. Z22865:H.sapiens dermatopontin mRNA, complete CDS /cds=(1
30	38752_r_at	Cluster Incl. AA426364:zv61b06.s1 Homo sapiens cDNA, 3 end /clone=IM
	39468_r_at	Cluster Incl. W27081:22g5 Homo sapiens cDNA /gb=W27081 /gi=1306660 /u
	39472_s_at	Cluster Incl. W25985:17e6 Homo sapiens cDNA /gb=W25985 /gi=1306252 /u
	39870_at	Cluster Incl. AI377866:te63h04.x1 Homo sapiens cDNA, 3 end /clone=IMAG
	40595_at	Cluster Incl. AI345337:tb81g11.x1 Homo sapiens cDNA, 3 end /clone=IMAG
35	40919_at	Cluster Incl. M81830:Human somatostatin receptor isoform 2 (SSTR2) gene
	40938_at	Cluster Incl. Y13835:Homo sapiens mRNA for farnesylated-proteins conver
	40954_at	Cluster Incl. H94881:yu57f07.s1 Homo sapiens cDNA, 3 end /clone=IMAGE-
	40959_at	Cluster Incl. AB011171:Homo sapiens mRNA for KIAA0599 protein, partial
	41351_at	Cluster Incl. AA885106:am31h01.s1 Homo sapiens cDNA, 3 end /clone=IMAG

- 41361_at Cluster Incl. W28148:43f2 Homo sapiens cDNA /gb=W28148 /gi=1308159 /ug=
 41793_at Cluster Incl. AI288757:qm11h01.x1 Homo sapiens cDNA, 3 end /clone=IMAG
 41825_at Cluster Incl. W26652:34c6 Homo sapiens cDNA /gb=W26652 /gi=1307495 /ug=
 32560_s_at Cluster Incl. W30959:zc65h10.r1 Homo sapiens cDNA, 5 end /clone=IMAG
 5 1552_i_at U22028 /FEATURE=expanded_cds /DEFINITION=HSU22028 Human
 cytochrome P45
 1517_at J02906 /FEATURE=mRNA /DEFINITION=HUMCYPIIF Human cytochrome P450IIF1
 pro
 1419_g_at D29675 /FEATURE=exon /DEFINITION=HUMNOSB Human inducible nitric
 10 oxide
 1339_s_at X14675 /FEATURE=cds /DEFINITION=HSBCR3C Human bcr-abl mRNA 5
 fragment
 1289_at L02321 /FEATURE= /DEFINITION=HUMGSTM5 Human glutathione S-transferase (G
 1259_at L76568 /FEATURE=exons#13-14 /DEFINITION=HUMERCC4G Homo sapiens excision
 15 1177_at Dna-Binding Protein Ap-2, Alt. Splice 3
 1155_at J03069 /FEATURE=mRNA /DEFINITION=HUMMYCL2A Human MYCL2 gene,
 complete cd
 1122_f_at K03183 /FEATURE=cds /DEFINITION=HUMCGBBA3 Human chorionic
 gonadotropin
 20 1032_at U11872 /FEATURE= /DEFINITION=HSU11872 Human interleukin-8 receptor type
 730_r_at Mucin 3, Intestinal
 731_f_at Mucin 3, Intestinal
 732_f_at Mucin 3, Intestinal
 420_at X65633 /FEATURE=cds /DEFINITION=HSACTHR H.sapiens ACTH-R gene for adrenoc
 25 240_at M64231 /FEATURE=mRNA /DEFINITION=HUMSPERSYN Human spermidine synthase
 gen
 121_at X69699 /FEATURE= /DEFINITION=HSPAX8A H.sapiens Pax8 mRNA
 METAGENE 495 :
 30 ans =
 31514_at Cluster Incl. AF034970:Homo sapiens docking protein (DOK-2) mRNA, compl
 33085_at Cluster Incl. U64863:Human hPD-1 (hPD-1) mRNA, complete cds /cds=(68,93
 36372_at Cluster Incl. U51333:Human hexokinase III (HK3) mRNA, complete cds /cds
 35 36798_g_at Cluster Incl. J04168:Human leukosialin mRNA, complete cds /cds=(95,12
 37148_at Cluster Incl. AF025533:Homo sapiens leucocyte immunoglobulin-like recep
 40327_at Cluster Incl. U57052:Human Hoxb-13 mRNA, complete cds /cds=(54,908) /gb
 40668_s_at Cluster Incl. U34624:Human T cell surface glycoprotein CD-6 mRNA, com
 40712_at Cluster Incl. D26579:Homo sapiens mRNA for transmembrane protein, compl

- 41718_g_at Cluster Incl. AC004770:Homo sapiens chromosome 11, BAC CIT-HSP-311e8
 34293_at Cluster Incl. AF004426:Homo sapiens microtubule-based motor (HsKIFC3) m
 36008_at Cluster Incl. AF041434:Homo sapiens potentially prenylated protein tyro
 36052_at Cluster Incl. U43959:Human beta 4 adducin mRNA, alternatively spliced p
5 37238_s_at Cluster Incl. AF014118:Homo sapiens membrane-associated kinase (Myt1)
 39778_at Cluster Incl. M55621:Human N-acetylglucosaminyltransferase I (GlcNAc-TI
 41764_at Cluster Incl. AA976838:oq35c12.s1 Homo sapiens cDNA, 3' end /clone=IMAG
 33374_at Cluster Incl. L09708:Human complement component 2 (C2) gene allele b /c
 33393_at Cluster Incl. AJ237946:Homo sapiens mRNA for DEAD Box Protein 5 /cds=(0
10 36195_at Cluster Incl. U07681:Human NAD(H)-specific isocitrate dehydrogenase alp
 39845_at Cluster Incl. AF020760:Homo sapiens serine protease (Omi) mRNA, complet
 1983_at X68452 /FEATURE=cds /DEFINITION=HSCYCD2 H.sapiens mRNA for cyclin D2
 1445_at AF014958 /FEATURE= /DEFINITION=AF014958 Homo sapiens chemokine receptor
 703_at Immunoglobulin Heavy Chain, Vdjr Regions
15 608_at M12529 /FEATURE=mRNA /DEFINITION=HUMAPOE Human apolipoprotein E mRNA,
 com

Table 10: 491 metagenes constructed (as described) in analysis of Duke breast cancer data with respect to ER status. This file lists the metagenes in order of nonlinear (tree model) association with ER status (top down).

- 5** Metagene 347
- d50840_1048-1474,mrna_for_ceramide_glucosyltransferase,_complete_cds_
hg3125-ht3301_s_at_hg3125-ht3301_estrogen_receptor_
l40401mrna_572-992,(clone_zap128)_mrna_3'_end_of_cds_
10 m14745_5435-5981,bcl-2_mrna
s68805_1972-2305,_l-
arginine:glycine_amidinotransferase_[human,_kidney_carcinoma_cells,_mrna,_2330_n
u21931mrna_965-1373,fructose-1,6-biphosphatase_(fbp1)_gene_
u22376exon#20_757-1256,_c-myb_gene_extracted_from(c-
15 myb)_gene,_complete_primary_cds,_and_five_comple
u41060_2936-3416,breast_cancer,_estrogen_regulated_liv-1_protein_(liv-1)_mrna,_partial_cds_
u67963_590-1148,lysophospholipase_homolog_(hu-k5)_mrna,_complete_cds_
u72661_650-1196,ninjurin1_mrna,_complete_cds.
u79293_1221-1749,clone_23948_mrna_sequence_
20 u82987_1140-1614,bcl-2_binding_component(bbc3)_mrna,_partial_cds
u96113_1463-2003,nedd-4-like_ubiquitin-
protein_ligase_wwp1_mrna,_partial_cds/gb=u96113_/ntype=rna_
all_x03635_5885-6402,mrna_for_oestrogen_receptor_
x55037mrna_863-1448,gata-3_mrna
25 x58072mrna_1793-2309,hgata3_mrna_for_trans-acting_t-cell_specific_transcription_factor_
all_x83425_1831-2390,lu_gene_for_lutheran_blood_group_glycoprotein_

Metagene 283
- 30** d26070mrna_8922-9492,mrna_for_typeinositol_1,4,5-trisphosphate_receptor,_complete_cds_
l08044_8-358,intestinal_trefoil_factor_mrna,_complete_cds
l38608_1950-2478,cd6_ligand_(alcam)_mrna,_complete_cds
m12174_28-493,ras-related_rho_mrna_(clone_6),_partial_cds
m23263_3498-3648,androgen_receptor_mrna,_complete_cds
35 m31627_1191-1725,x_box_binding_protein-1_(xbp-1)_mrna,_complete_cds
s37730cds_625-916:in_reversesequence,_496-635,_insulin-like_growth_factor_binding_protein-
2_[human,_
u09770_61-391,cysteine-rich_heart_protein_(hcrhp)_mrna,_complete_cds_
u39840_2313-2823,hepatocyte_nuclear_factor-3_alpha_(hnf-3_alpha)_mrna,_complete_cds

- u52522_1047-1581,arfaptin_2,_putative_target_protein_of_adp-
ribosylation_factor,_mrna,_complete_cds
- u94831_1555-1933,multispanning_membrane_protein_mrna,_complete_cds/gb=u94831_/ntype=rna
- all_x06614_2300-2889,mrna_for_receptor_of_retinoic_acid
- 5 x12876mrna_144-670,mrna_fragment_for_cytokeratin_18
- x52003cds_63-213:in_reversesequence,_289-445,ps2_protein_gene
- x53002cds_2049-2356:in_reversesequence,_2724-2849,mrna_for_integrin_beta-5_subunit
- all_x76180_2760-3115,mrna_for_lung_amiloride_sensitive_na+_channel_protein_
- all_z11793_1553-2001,mrna_for_selenoprotein_p
- 10 Metagene 402
- d12686_4468-4909,mrna_for_eukaryotic_initiation_factorgamma_(eif-4_gamma)_
- d13636_3011-3539,mrna_for_kiaa0011_gene,_complete_cds
- 15 d29958_446-962,mrna_for_kiaa0116_gene,_partial_cds_
- d42054_2354-2828,mrna_for_kiaa0092_gene,_complete_cds
- d82345_86-578,mrna_for_nb_thymosin_beta,_complete_cds
- d83783_6249-6579,mrna_for_kiaa0192_gene,_partial_cds_
- hg1078-ht1078_at_hg1078-ht1078_lamin-like_protein
- 20 hg1614-ht1614_at_hg1614-ht1614_protein_phosphatase_1,_alpha_catalytic_subunit
- hg1733-ht1748_at_hg1733-ht1748_moloney_murine_sarcoma_viral_oncogene_homolog_
- hg3432-ht3621_at_hg3432-ht3621_fibroblast_growth_factor_receptor_k-sam,_altsplice_4,_k-sam_iv
- hg4073-ht4343_at_hg4073-ht4343_cytosolic_acetoacetyl-coenzyme_a_thiolase_
- hg4155-ht4425_s_at_hg4155-ht4425_zinc_finger_protein_hzf8
- 25 hg4542-ht4947_at_hg4542-ht4947_ribosomal_protein_l10_
- j05272_2311-2809,imp_dehydrogenase_typermrna_complete_cds
- k02574mrna_817-1363,purine_nucleoside_phosphorylase_(pnp)_mrna,_complete_cds_
- l07592_2760-3228,peroxisome_proliferator_activated_receptor_mrna,_complete_cds_
- l11285_957-1509,_homosapiens_erk_activator_kinase_(mek2)_mrna_
- 30 l26339_4094-4580,autoantigen_mrna,_complete_cds
- l35854mrna_3-75,dystrophin_(dp140)_mrna,_5'_end/gb=l35854_/ntype=ma_
- l38487mrna_1623-2115,estrogen_receptor-related_protein_(herral)_mrna,_3'_end,_partial_cds
- m13955mrna_904-1450,mesothelial_keratin_k7_(type_ii)_mrna,_3'_end
- m30938mrna#2_2781-3261,ku_(p70/p80)_subunit_mrna,_complete_cds_
- 35 m33518exon_5570-5900:in_reversesequence,_6168-6198,hla-b-
- associated_transcript(bat2)_gene,_5'_flank
- m33764cds_1158-1350:in_reversesequence,_7989-
- 8235,ornithine_decarboxylase_gene,_complete_cds
- m35198_2073-2589,integrin_b-6_mrna,_complete_cds_

- m80244_3401-3869,e16_mrna,_complete_cds
 m83651_1947-2451,beta-1,4_n-acetylgalactosaminyltransferase_mrna,_complete_cds_
 u09578_2012-2456,mapkap_kinase_(3pk)_mrna,_complete_cds
 u23143cds_1258-1426:in_reversesequence,_3604-
- 5** 3844,mitochondrial_serine_hydroxymethyltransferase_gene
 u33818_1889-2351,inducible_poly(a)-binding_protein_mrna,_complete_cds
 u50939_1224-1662,amyloid_precursor_protein-binding_proteinmrna,_complete_cds
 u68105mrna_2540-2765,poly(a)-binding_protein_(pabp)_gene,_promoter_region_and
 u78525_2480-2942,eukaryotic_translation_initiation_factor_(eif3)_mrna,_complete_cds
- 10** u79254_693-1113,clone_23693_mrna_sequence
 u82613_163-685,dna-binding_protein_abp/zf_mrna,_complete_cds_
 all_x15414_844-1349,mrna_for_aldose_reductase_(ec_1.1.1.2)_
 x52882cds_1171-1639:in_reversesequence,_1672-1732,t-complex_polypeptidegene
 x60489mrna_381-915,mrna_for_elongation_factor-1-beta_
 x60489mrna_381-915,mrna_for_elongation_factor-1-beta_
- 15** all_x67698_228-709,tissue_specific_mrna
 all_x74570_1140-1711,mrna_for_gal-beta(1-3/1-4)glcnac_alpha-2.3-sialyltransferase
 z25749mrna_98-608,gene_for_ribosomal_protein_s7_
 z34918cds_1559-2051,mrna_for_translation_initiation_factor_eif-4gamma_(partial)
- 20** Metagene 301
- l13698_2227-2791,gas1_gene,_complete_cds_
 l24203_2423-2891,ataxia-telangiectasia_group_d-associated_protein_mrna,_complete_cds
 m18533mrna_13566-13926,dystrophin_(dmd)_mrna,_complete_cds
- 25** m24485cds_109-604:in_reversesequence,_3966,(clone_phgst-pi)_glutathione_s-
 transferase_pi_(gstp1)_gen
 all_m98539_46-209:not_in_gb_record,prostaglandin_d2_synthase_gene_
 u03057_2172-2724,actin_bundling_protein_(hsn)_mrna,_complete_cds_
 u33849_2850-3366,lymphoma_proprotein_convertase_(lpc)_mrna,_complete_cds_
 u45955_834-1362,neuronal_membrane_glycoprotein_m6b_mrna,_partial_cds_
 all_x66534_2622-2953,soluble_guanylate_cyclase_large_subunit_mrna
 all_x87212_1273-1772,mrna_for_cathepsin_c
 x96381mrna_3518-4028,erm_gene,_exon_2,3,4,5_(and_joined_cds)
- 30**
- 35** Metagene 54
- l27213cds_2481-2749:in_reversesequence,_2815-
 3030,anion_exchange_protein_mrna,_complete_cds
 m29874_2457-2977,cytochrome_p450-iib_(hiib1)_mrna,_complete_cds

z36714mrna_3697-4135,mrna_for_cyclin_f

Metagene 362

- 5 s74445_152-662,cellular_retinoic_acid-binding_protein_[human,_skin,_mrna,_735_nt]
u84487_2776-3238,cx3c_chemokine_precursor,_mrna,_alternatively_spliced,_complete_cds_
x82554mrna_103-571,sphar_gene_for_cyclin-related_protein

Metagene 111

- 10 d14694_2143-2455,mrna_for_kiaa0024_gene,_complete_cds
d21261_957-1305,mrna_for_kiaa0120_gene,_complete_cds_
d25328_2086-2536,mrna_for_platelet-type_phosphofructokinase,_complete_cds
d26599_167-707,mrna_for_proteasome_subunit_hsc7-i,_complete_cds
- 15 d26600_354-822,mrna_for_proteasome_subunit_hsn3,_complete_cds
d31890_1375-1909,mrna_for_kiaa0070_gene,_partial_cds_
d38521_5541-5997,mrna_for_kiaa0077_gene,_partial_cds_
d38550_3195-3735,mrna_for_kiaa0075_gene,_partial_cds_
d38583_109-475,mrna_for_calgizzarin,_complete_cds
- 20 d43642mrna_759-1215,yl-1_mrna_for_yl-1_protein_(nuclear_protein_with_dna-
binding_ability),_complete_
d49489_1267-1759,mrna_for_protein_disulfide_isomerase-related_protein_p5,_complete_cds_
d50916_5465-5999,mrna_for_kiaa0126_gene,_complete_cds
d80009_3652-4048,mrna_for_kiaa0187_gene,_complete_cds
- 25 d80012_2697-3237,mrna_for_kiaa0190_gene,_partial_cds_
d86978_5648-6086,mrna_for_kiaa0225_gene,_partial_cds_
d87953_2449-2935,mrna_for_rtp,_complete_cds
hg2259-ht2348_s_at_hg2259-ht2348_tubulin,_alpha_1,_isoform_44
hg3494-ht3688_at_hg3494-ht3688_nuclear_factor_nf-il6_
- 30 hg4541-ht4946_s_at_hg4541-ht4946_transformation-related_protein
j03827_970-1438,_y_box_binding_protein-1_(yb-1)_mrna
l08246_3333-3819,myeloid_cell_differentiation_protein_(mcl1)_mrna
l17131mrna#1_1646-2198,high_mobility_group_protein_(hmg-i(y))_gene_exons_1-8,_complete_cds
l19871_1361-1793,activating_transcription_factor(atf3)_mrna,_complete_cds_
- 35 l20298_2250-2790,transcription_factor_(cbfb)_mrna,_3'_end_
l39059mrna_3327-3831,transcription_factor_sl1_mrna,_complete_cds
l77886_5390-5696,protein_tyrosine_phosphatase_mrna,_complete_cds_
m14328mrna_1144-1704,alpha_enolase_mrna,_complete_cds
m23254_2672-3164,ca2-activated_neutral_protease_large_subunit_(canp)_mrna,_complete_cds

- m31303mrna_933-1407,oncoprotein(op18)_gene,_complete_cds
 m37721_3297-3705,peptidylglycine_alpha-amidating_monooxygenase_mrna,_complete_cds
 m69066_3272-3824,moesin_mrna,_complete_cds_
 m83088_1722-2271,phosphoglucosyltransferase(pgm1)_mrna,_complete_cds
5 u24105_4121-4355,coatamer_protein_(hepcop)_mrna,_complete_cds
 u26173_1295-1775,bzip_protein_nf-il3a_(il3bp1)_mrna,_complete_cds
 u28368_841-1249,id-related_helix-loop-helix_protein_id4_mrna,_complete_cds_
 u46692mrna_84-480,cystatin_b_gene,_complete_cds_
 u51711_at_u51711_u51711,not_in_gb_record,desmocollin-2_mrna,_3' utr_
10 u58334_3933-4485,bcl2_p53_binding_protein_bbp/53bp2_(bbp/53bp2)_mrna,_complete_cds
 u90651_1122-1576,embryonic_ectoderm_development_protein_homolog_(eed)_mrna,_partial_cds
 all_v00572_1364-1731,mrna_encoding_phosphoglycerate_kinase_
 all_x07834_515-1026,mrna_for_manganese_superoxide_dismutase_(ec_1.15.1.1)
 x53416cds_7595-7889:in_reversesequence,_8097-8319,mrna_for_actin-
15 binding_protein_(filamin)_(abp-280)
 all_x54941_194-687,ckshs1_mrna_for_cks1_protein_homologue
 all_x54942_31-572,ckshs2_mrna_for_cks1_protein_homologue_
 all_x76534_2145-2614,nmb_mrna
 x86018cds_1630-1822:in_reversesequence,_1834-2062,mrna_for_mufl_protein
20
 Metagene 431

 y08374mrna#1_1414-1882,_gp-
 39_cartilage_protein_gene_extracted_fromgene_encoding_cartilage_gp-39_pro
25
 Metagene 157

 af008445_895-1387,phospholipid_scramblase_mrna,_complete_cds/gb=af008445_/ntype=rna_
 d29640_5767-6325,mrna_for_kiaa0051_gene,_complete_cds
30 j04088_4377-4587,dna_topoisomerase_ii_(top2)_mrna,_complete_cds
 l11239exon_358-802,homeobox_protein_(hox)_gene,_3'_end
 l32179mrna_1028-1556,arylacetamide_deacetylase_mrna,_complete_cds
 m21551mrna_158-590,neuromedin_b_mrna,_complete_cds
 m24069mrna_1401-1543,dna-binding_protein_a_(dbpa)_gene,_3'_end_
35 m26311_27-504,cystic_fibrosis_antigen_mrna,_complete_cds.
 all_m36200_67-428:in_m36200cds_194-339,synaptobrevin(syb1)_gene
 m36634_1340-1450,vasoactive_intestinal_peptide_(vip)_mrna,_complete_cds
 all_x04741_413-924,mrna_for_protein_gene_product_(pgp)_9.5_
 y09267_1148-1664,mrna_for_flavin-containing_monooxygenase/gb=y09267_/ntype=rna

Metagene 352

- ac000115cds#1_546-684:in_reversesequence,_35138-
- 5** 35366,_wugsc:h_gsl88p18.1a_gene_extracted_frombac_cl
d31887_4050-4512,mrna_for_kiaa0062_gene,_partial_cds_
d79992_6597-6897,mrna_for_kiaa0170_gene,_complete_cds_
d79994_4227-4749,mrna_for_kiaa0172_gene,_partial_cds_
106419_2544-3066,lysyl_hydroxylase_(plod)_mrna,_complete_cds
- 10** 113391exon#5_265-808,helix-loop-helix_basic_phosphoprotein_(g0s8)_gene,_complete_cds_
119493exon_1931-2064,fnr1_gene,_3'_end_
m11313mrna_3966-4522,alpha-2-macroglobulin_mrna,_complete_cds
m86699_3355-3787,kinase_(tkk)_mrna,_complete_cds_
s56151_672-1186,_hmfg=milk_fat_globule_protein_[human,_mrna_partial,_1270_nt]
15 s69231_1444-1981,_tyrp2=tyrosinase-related-protein-2_[human,_melanocytic_cell_line_sk-mel-19,_mrna,_
u07919_2973-3399,aldehyde_dehydrogenasemrna,_complete_cds_
u20391mrna#1_720-1080,folate_receptor_(folr1)_gene,_complete_cds
u26727_512-938,p16ink4/mts1_mrna,_complete_cds_
20 u38847_4574-5000,tar_rna_loop_binding_protein_(trp-185)_mrna,_complete_cds_
u58516_1860-1893,breast_epithelial_antigen_ba46_mrna,_complete_cds_
u66075_2349-2793,transcription_factor_hgata-6_mrna,_complete_cds.
u72621_2581-3145,lot1_mrna,_complete_cds_
u78313_963-1515,myogenic_repressor_i-mf_(mdfi)_mrna,_complete_cds
25 u85193_1817-2399,nuclear_factor_i-b2_(nfib2)_mrna,_complete_cds
all_x16354_2895-3400,mrna_for_transmembrane_carcinoembryonic_antigen_bgpa_(formerly_tml-
cea)_
all_x81420_1150-1601,mrna_for_hhkb1_protein
all_x87241_14353-14738,mrna_for_hfat_protein_
30 all_y07909_2383-2774,mrna_for_progression_associated_protein_
z75190cds_1747-2070:in_reversesequence,_2087-2276,mrna_for_apolipoprotein_e_receptor_2

Metagene 131

- 35** 112723_1781-2360,heat_shock_protein_70_(hsp70)_mrna,_complete_cds
114922_4053-4395,dna-binding_protein_(po-ga)_mrna,_complete_cds_
l38932mrna_1076-1466,gt197_partial_orf_mrna,_3'_end_of_cds
m27891exon_13-58:in_reversesequence,_145-370:not_in_gb_record,cystatin_c_(cst3)_gene_
m81057_749-1223,procarboxypeptidase_b_mrna,_complete_cds_

s69272_853-

1403_cytoplasmic_antiproteinase=38_kda_intracellular_serine_proteinase_inhibitor_[human,

u14603_937-1483,protein-tyrosine_phosphatase_(hu-pp-1)_mrna_partial_sequence

u46689_3317-3863,microsomal_aldehyde_dehydrogenase_(ald10)_mrna_complete_cds

5 u84388_905-1055,death_domain_containing_protein_cradd_mrna_complete_cds_

all_x65724_1307-1746,dna_for_orf1_and_orf2_from_chromosome_x_

x84002cds_210-456:in_reversesequence,_706-862,tafi20_mrna_for_transcription_factor_tfiid_

z19585cds_2522-2858:in_reversesequence,_2909-2939,mrna_for_thrombospondin-4_

z49878cds_367-565:in_reversesequence,_734-968,mrna_for_guanidinoacetate_n-methyltransferase_

10 z84718mrna#1_424-982,dna_sequence_from_bac_322b1_on_chromosome_22q11.2-

qter_contains_gstt1_gstt2_g1

Metagene 368

15 d87447_5712-6258,mrna_for_kiaa0258_gene_complete_cds

all_j03589_2962-3443,ubiquitin-like_protein_(gdx)_gene_complete_cds_

118960_679-1177,protein_synthesis_factor_(eif-4c)_mrna_complete_cds_

m60784mrna_595-950:in_reversesequence,_701-886,u1_snmp-specific_protein_a_gene_

m68864_598-1078,orf_mrna_complete_cds_

20 m74002_2243-2681,arginine-rich_nuclear_protein_mrna_complete_cds

u09510_1878-2425,glycyl-trna_synthetase_mrna_complete_cds_

u12387_1468-1722,thiopurine_methyltransferase_(tpmt)_mrna_complete_cds

u33821_1229-1661,tax1-binding_protein_txbp151_mrna_complete_cds_

u41163exon#9_36-266:in_reversesequence,_2625-

25 2862:not_in_gb_record,creatine_transporter_(slc6a10)_ge

u52111mrna#4_1182-

1671,xq28_genomic_dna_in_the_region_of_the_ald_locus_containing_the_genes_for_crea

u59309_1200-

1710,fumarase_precursor_(fh)_mrna_nuclear_gene_encoding_mitochondrial_protein_complete

30 u90716_1825-2299,cell_surface_protein_hcar_mrna_complete_cds

all_x51521_2653-3026,mrna_for_ezrin

x87237cds_2133-2487:in_reversesequence,_2661-2787,mrna_for_processing_a-glucosidase_i_

all_x98296_7705-8096,mrna_for_ubiquitin_hydrolase

z49099mrna_1011-1521,mrna_for_spermine_synthase

35

Metagene 198

d37965_913-1393,mrna_for_pdgf_receptor_beta-like_tumor_suppressor_(prlts)_complete_cds

d42047_3472-3970,mrna_for_kiaa0089_gene_partial_cds_

- d78134_727-1261,mrna_for_glycine-rich_rna_binding_protein_cirp,_complete_cds_
d87434_4737-5295,mrna_for_kiaa0247_gene,_complete_cds
hg2238-ht2321_s_at_hg2238-ht2321_nuclear_mitotic_apparatus_protein_1,_altsplice_form_2_
hg2815-ht2931_at_hg2815-ht2931_myosin_light_chain_alkali_smooth_muscle,_non-
5 muscle,_altsplice_2_
hg2815-ht4023_s_at_hg2815-
ht4023_myosin_light_chain_alkali_smooth_muscle_smooth_muscle,_altsplic
hg4679-ht5104_at_hg4679-ht5104_oncogene_ret/ptc_fusion_activated
hg651-ht4201_at_hg651-ht4201_adducin_alpha_subunit_altsplice_2_
10 l27560mrna_986-1262,insulin-like_growth_factor_binding_protein(igfbp5)_mrna_
l78132_3279-3789,prostate_carcinoma_tumor_antigen_(pcta-1)_mrna,_complete_cds
m14648_5128-
5692,cell_adhesion_protein_(vitronectin)_receptor_alpha_subunit_mrna,_complete_cds_
m16447_997-1489,dihydropteridine_reductase_(hdhpr)_mrna,_complete_cds
15 m60483mrna_1636-2107,_protein_phosphatase-2a_catalytic_subunit-
alpha_gene_extracted_fromprotein_phos
u12778_2243-2621,acyl-coa_dehydrogenase_mrna,_complete_cds_
u20362_2270-2792,tg737_mrna,_complete_cds
u37690_31-355,rna_polymerase_ii_subunit_(hsrpb10)_mrna,_complete_cds_
20 u40282_1205-1706,integrin-linked_kinase_(ilk)_mrna,_complete_cds_
x59834mrna_2120-2690,rearranged_mrna_for_glutamine_synthase
x62654mrna_314-788,_me491_gene_extracted_fromgene_for_me491/cd63_antigen
x69908mrna_151-
721,_p2_gene_for_c_subunit_of_mitochondrial_atp_synthase_gene_extracted_fromgene_for_
25 all_x75861_1977-2566,tegt_gene_
y00097cds_1757-1982:in_reversesequence,_2114-2324,mrna_for_protein_p68
all_z47087_1065-1438,mrna_for_rna_polymerase_ii_elongation_factor-like_protein_
Metagene 409
30
d50683_5296-5680,mrna_for_tgf-beta1ir_alpha,_complete_cds
d59253_306-618,mrna_for_ncbp_interacting_protein_1,_complete_cds_
d79990_5065-5383,mrna_for_kiaa0168_gene,_complete_cds
d86961_3678-4188,mrna_for_kiaa0206_gene,_partial_cds_
35 d87465_4793-5243,mrna_for_kiaa0275_gene,_complete_cds
j04162mrna_1406-1940,leukocyte_igg_receptor_(fc-gamma-r)_mrna,_complete_cds
m14636_2317-2665,liver_glycogen_phosphorylase_mrna,_complete_cds_
m31153exon_34-232:in_reversesequence,_280-484:not_in_gb_record,steroid_17-alpha-
hydroxylase_gene_

- m59465_3867-4341,tumor_necrosis_factor_alpha_inducible_protein_a20_mrna_complete_cds
 m59964_816-1380,stem_cell_factor_mrna_complete_cds
 m59979_2109-2511,prostaglandin_endoperoxide_synthase_mrna_complete_cds
 m77016_2106-2622,tropomodulin_mrna_complete_cds_
- 5** s50223_197-773,_hkr-t1=kruppel-like_zinc_finger_protein_[human,_moltc-cells,_mrna,_798_nt]_
 s72869_2415-2955,_h4(d10s170)=putative_cytoskeletal_protein_[human,_thyroid,_mrna,_3011_nt]_
 u09284_693-1173,pinch_protein_mrna_complete_cds_
 u11732_997-1531,ets-like_gene_(tel)_mrna_complete_cds_
 u17760mrna_3684-4158,laminin_s_b3_chain_(lamb3)_gene
- 10** u28014_1086-1233,cysteine_protease_(icerel-ii)_mrna_complete_cds
 u32849_867-1383,hou_mrna_complete_cds_
 u37359_1964-2414,mrell_homolog_hmrell_mrna_complete_cds_
 u60800_3638-4010,semaphorin_(cd100)_mrna_complete_cds_
 u63824_1129-1645,transcription_factor_rtef-1_(rtef1)_mrna_complete_cds
- 15** u68135_7-204,scc-
 slc_mrna_expressed_in_metastatic_and_relatively_radioresistant_squamous_cell_carcin
 u76638_1947-2505,brca1-associated_ring_domain_protein_(bard1)_mrna_complete_cds_
 all_x07109_2732-3303,mrna_for_protein_kinase_c_(pkc)_type_beta_ii
 x54870mrna_1162-1702,mrna_for_nkg2-d_gene
- 20** x65965exon#1-2_32-94,sod-
 2_gene_for_manganese_superoxide_dismutase/gb=x65965_/ntype=dna_/annot=exon
 all_x66079_925-1400,spi-b_mrna_
 all_x66533_1884-2365,soluble_guanylate_cyclase_small_subunit_mrna
 x69819cds_1122-1620:in_reversesequence,_1640-1700,icam-3_mrna_
- 25** x99050mrna_3041-3461,_orf_gene_extracted_frommrna_for_63_kda_protein
 z25521cds_526-884:in_reversesequence,_1068-
 1179,integrin_associated_protein_mrna_complete_cds,.
- Metagene 353
- 30** d14520_718-1258,mrna_for_gc-box_binding_protein_bteb2_complete_cds
 d90097cds_983-1499,amy2b_gene_for_alpha-amylase
 l33798_5571-6129,dihydropyridine-sensitive_l-type_calcium_channel_alpha-
 1_subunit_(cacn11a3)_mrna_c
- 35** m12959_1035-1486,t-cell_receptor_active_alpha-chain_mrna_from_jm_cell_line_complete_cds_
 m16750_1699-2210,pim-1_oncogene_mrna_complete_cds_
 m32334cds_461-737:in_reversesequence,_186-348,intercellular_adhesion_molecule(icam-2)_gene_
 m37766_475-955,mem-102_glycoprotein_mrna_complete_cds_
 m81695_4051-4597,leukocyte_adhesion_glycoprotein_p150,95_mrna_complete_cds

- u48959_5397-5793,myosin_light_chain_kinase_(mlck)_mrna,_complete_cds_
u82979_785-1371,immunoglobulin-like_transcript-3_mrna,_complete_cds
u91903_1323-1815,fritz_mrna,_complete_cds
all_x00437_966-1143,mrna_for_t-cell_specific_protein_
5 x02910exon#4_604-1132,gene_for_tumor_necrosis_factor_(tnf-alpha)_
all_x63629_2582-3126,mrna_for_p_cadherin_
all_x74039_805-1058,mrna_for_urokinase_plasminogen_activator_receptor
all_x76383_376-821,mrna_for_he3(alpha)_
z35278mrna_3328-3760,pebp2ac1_acute_myeloid_leukaemia_mrna_
10
Metagene 379
d85425_758-1328,mrna_for_transactivator_hsm-1,_complete_cds
d86977_3721-4141,mrna_for_kiaa0224_gene,_complete_cds
15 all_d88422_230-483:in_d88422cds_13-188,dna_for_cystatin_a_
hg2743-ht2845_at_hg2743-ht2845_caldesmon_1,_altsplice_3,_non-muscle
hg2743-ht2846_s_at_hg2743-ht2846_caldesmon_1,_altsplice_4,_non-muscle
hg4068-ht4338_at_hg4068-ht4338_phosphoprotein_tal2_
122524cds_462-734:in_reversesequence,_46-197,matrilysin_gene
20 all_m13792_34370-
35897:in_m13792cds_995:not_in_gb_record,adenosine_deaminase_(ada)_gene,_complete_cd
m16038_1817-2255,lyn_mrna_encoding_a_tyrosine_kinase_
m36284mrna_315-852,glycophorin_c_mrna,_complete_cds
all_m37485_1008-1230,_igh@_gene_(ig_dxp_heavy-chain_gene)_extracted_fromig_germline_h-
25 chain_d-region
m77349_2102-2642,transforming_growth_factor-
beta_induced_gene_product_(bigh3)_mrna,_complete_cds_
all_m83216_3388-3584,aorta_caldesmon_mrna,_complete_cds
u03688_4501-5047,dioxin-inducible_cytochrome_p450_(cyp1b1)_mrna,_complete_cds
30 u04313_1983-2523,maspin_mrna,_complete_cds_
u17077_1716-2190,bene_mrna,_partial_cds
u20240_448-898,c/ebp_gamma_mrna,_complete_cds
u27185_263-791,rar-responsive_(tig1)_mrna,_complete_cds
u31201mrna_4592-
35 5106,laminin_gamma2_chain_gene_(lamc2),laminin_gamma2_chain_gene_(lamc2)_
u75968_3641-4139,clone_c3_chl1_protein_(chlrl)_mrna,_alternatively_spliced,_complete_cds_
u90905_452-992,clone_23574_mrna_sequence_
u90908_1268-1784,clones_23549_and_23762_mrna,_complete_cds_

- all_x04011_3678-4255,mrna_of_x-
 cgd_gene_involved_in_chronic_granulomatous_disease_located_on_chromos
 x04470cds_24-374:in_reversesequence,_408-
 495,mrna_for_antileukoprotease_(alp)_from_cervix_uterus
- 5 all_x16662_1399-1916,mrna_for_vascular_anticoagulant-beta_(vac-beta)_
 all_x56692_1122-1585,mrna_for_c-reactive_protein_
 x95325mrna_783-1250,mrna_for_dna_binding_protein_a_variant_
- Metagene 303
- 10 d43682_1584-2115,mrna_for_very-long-chain_acyl-coa_dehydrogenase_(vlcad),_complete_cds_
 j05633_2714-3008,integrin_beta-5_subunit_mrna,_complete_cds
 107615mrna_2289-2727,neuropeptide_y_receptor_y1_(npyy1)_mrna,_exon_3-
 feb_and_complete_cds/gb=107615_
- 15 107807_2600-3147,dynamin_mrna,_alternative_exons_and_complete_cds
 127841_6012-6498,autoantigen_pericentriol_material(pcm-1)_mrna,_complete_cds
 m15182mrna_1686-2106,beta-glucuronidase_mrna,_complete_cds_
 m19309mrna_382-939,slow_skeletal_muscle_troponin_t_mrna,_clone_h22h
 m29877mrna_1434-1932,alpha-l-fucosidase,_complete_cds
- 20 m36205cds_73-319:in_reversesequence,_26-56:not_in_gb_record,synaptobrevin(syb2)_gene
 m62403_1343-1924,insulin-like_growth_factor_binding_protein(igfbp4)_mrna,_complete_cds
 m74715_1574-2080,alpha-l-iduronidas_(idua)_mrna,_complete_cds
 m97815exon#3_21-405,retinoic_acid-binding_protein_ii_(crabp-ii)_gene_
 s80437_1601-
- 25 2185,_fatty_acid_synthase_{3' region}_[human,_breast_and_hepg2_cells,_mrna_partial,_2237
 s81914_760-1180,_iex-1=radiation-inducible_immediate-
 early_gene_[human,_placenta,_mrna_partial,_1223
 u26726_1548-1842,11-beta-hydroxysteroid_dehydrogenase_typermrna,_complete_cds
 u28369_2474-2894,semaphorin_v_mrna,_complete_cds_
- 30 u49278_2752-3262,putative_dna-binding_protein_mrna,_partial_cds
 u53225_1409-1949,sorting_nexin(snx1)_mrna,_complete_cds_
 all_u57316_1593-1996,gc5_(hgcn5)_gene,_complete_cds_
 u72066_2672-3212,ctbp_interacting_protein_ctip_(ctip)_mrna,_complete_cds_
 x13238cds_19-199:in_reversesequence,_272-386,mrna_for_cytochrome_c_oxidase_subunit_vic
- 35 x54232mrna_3259-3643,mrna_for_heparan_sulfate_proteoglycan_(glypican)
 x57129cds_373-583:in_reversesequence,_1216-1366,h1.2_gene_for_histone_h1
 all_x82456_3287-3834,mln50_mrna
 y00503cds_799-1165:in_reversesequence,_1221-1227,mrna_for_keratin_19
 all_z68228_2878-3328,mrna_for_plakoglobin

Metagene 176

- j04027_4061-4343,plasma_membrane_ca2+_pumping_atpase_mrna_complete_cds
- 5 m11119mrna_722-1011,endogenous_retrovirus_envelope_region_mrna(pl1)_
u29656_247-751,dr-nm23_mrna_complete_cds
- u48251_2308-2651:not_in_gb_record,protein_kinase_c-binding_protein_rack7_mrna_partial_cds
- u68019_1774-2218,mad_protein_homolog(hmad-3)_mrna_complete_cds_
- u77604_13-493,microsomal_glutathione_s-transferase(gst-ii)_mrna_complete_cds_
- 10 u96922_2336-2822,inositol_polyphosphate_4-phosphatase_type_ii-
alpha_mrna_complete_cds/gb=u96922_/nt
- x70940cds_1130-1298:in_reversesequence,_1591-1722,mrna_for_elongation_factoralpha-2_
- x71973cds_200-530:in_reversesequence,_658-808,gpx-
4_mrna_for_phospholipid_hydroperoxide_glutathione_
- 15 y07827cds_785-972,mrna_for_putb7,3_molecule_of_cd80-cd60_protein_family

Metagene 212

- d43968_6790-7222,aml1_mrna_for_aml1b_protein(alternatively_spliced_product)_complete_cds_
- 20 d50477_1507-2066,mrna_for_membrane-type_matrix_metalloproteinase_3_complete_cds_
- l13286_2671-3205,mitochondrial_1,25-dihydroxyvitamin_d3_24-hydroxylase_mrna_complete_cds
- m68516mrna_1662-
2172,pci_gene(plasminogen_activator_inhibitor_3)_extracted_fromprotein_c_inhibitor
- u72649_2206-2584,btg2(btg2)_mrna_complete_cds
- 25 x17059cds_522-840:in_reversesequence,_1331-1418,nat1_gene_for_arylamine_n-acetyltransferase_
- x81889cds_3255-3561:in_reversesequence,_3774-3786,mrna_for_p0071_protein

Metagene 221

- 30 hg1763-ht1780_s_at_hg1763-ht1780_prolactin-induced_protein_
l19778_1871-2207,histone(h2a.1b)_mrna_complete_cds
- m35851cds_2287-2708:in_reversesequence,_200-266,androgen_receptor_gene

Metagene 86

- 35 d12485_2904-3444,mrna_for_nucleotide_pyrophosphatase_complete_cds_
- d42123_655-1135,mrna_for_esp1/crp2_complete_cds_
- d63479_5529-6079,mrna_for_kiaa0145_gene_complete_cds
- m16938_1154-1659,homeo_box_c8_protein_mrna_complete_cds

- m59815mrna_5022-5424,complement_component_c4a_gene_
 m63167_2039-2429,rac_protein_kinase_alpha_mrna,_complete_cds_
 u24266_2533-3103,pyrroline-5-
 carboxylate_dehydrogenase_(p5cdh)_mrna,_long_form,_complete_cds_
5 u33147_43-463,mammaglobin_mrna,_complete_cds_
 u68142_1372-1900,ralgds-like(rgl2)_mrna,_partial_cds
 u83411_1505-2039,carboxypeptidase_z_precursor,_mrna,_complete_cds.
 u94592_1287-1809,uncoupling_protein_homolog_(ucph)_mrna,_complete_cds
 all_x78706_1878-2443,mrna_for_carnitine_acetyltransferase
10
 Metagene 488

 reverse_ac002076_127531-127606,_wugsc:gs345d13.2_gene_(g-protein_gamma-
 1_subunit)_extracted_frombac_
15 d13637_2062-2566,mrna_for_kiaa0012_gene,_complete_cds
 d28915cds_1002-1272:in_reversesequence,_114-186,gene_for_hepatitis_c-
 associated_microtubular_aggrega
 hg2705-ht2801_s_at_hg2705-ht2801_serine/threonine_kinase_
 k02765_4466-4916,complement_component_c3_mrna,_alpha_and_beta_subunits,_complete_cds_
20 106175_1924-2482,p5-1_mrna,_complete_cds
 112535_1641-2151,rsu-1/rsp-1_mrna,_complete_cds
 m11147mrna_251-689,ferritin_1_chain_mrna,_complete_cds_
 m13699mrna_2810-3278,ceruloplasmin_(ferroxidase)_mrna,_complete_cds
 m30818mrna_2384-2888,interferon-
25 induced_cellular_resistance_mediator_protein_(mxb)_mrna,_complete_cd
 m33195_13-457,fc-epsilon-receptor_gamma-chain_mrna,_complete_cds_
 m37435_3368-3914,macrophage-specific_colony-stimulating_factor_(csf-1)_mrna,_complete_cds
 m55542mrna_2310-2802,guanylate_binding_protein_isoform_i_(gbp-2)_mrna,_complete_cds
 m68874_2293-2779,phosphatidylcholine_2-acylhydrolase_(cpla2)_mrna,_complete_cds
30 m81750mrna_1132-1645,myeloid_cell_nuclear_differentiation_antigen_mrna,_complete_cds_
 u52101_61-451,ymp_mrna,_complete_cds_
 all_x02530_571-1118,mrna_for_gamma-
 interferon_inducible_early_response_gene_(with_homology_to_platel
 all_x99886_601-2202:in_x99886cds_96-127,mcp-2_gene
35 all_z83735_344-817,hh3/k_gene

 Metagene 144

 ab006782_1392-1672,mrna_for_galectin-9_isoform,_complete_cds/gb=ab006782_/ntype=rna_

- d32129_920-1425,mrna_for_hla-i_(hla-a26)_heavy_chain,_complete_cds_(clone_cmiy-1)
 all_d49824_945-978,hla-b_null_allele_mrna,hla-b_null_allele_mrna
 hg2915-ht3059_f_at_hg2915-ht3059_major_histocompatibility_complex,_i_e
 hg2917-ht3061_f_at_hg2917-ht3061_major_histocompatibility_complex,_i_e
5 hg3597-ht3800_f_at_hg3597-ht3800_major_histocompatibility_complex,_i_
 hg658-ht658_f_at_hg658-ht658_major_histocompatibility_complex,_i_c
 j00105_24-520,beta-2_microglobulin_gene_mrna,_3'_end_
 j04080mrna_2136-2604,complement_component_clr_mrna,_complete_cds_
 m13690mrna_1190-1739,plasma_protease_(cl)_inhibitor_mrna,_complete_cds_
10 m14058_1982-2438,complement_clr_mrna,_complete_cds_
 m58286_1533-2054,tumor_necrosis_factor_receptor_mrna,_complete_cds
 m63838_2097-2643,interferon-gamma_induced_protein_(ifi_16)_gene,_complete_cds
 m64099_1873-2371,gamma-glutmyl_transpeptidase-related_protein_(ggc-rel)_mrna,_complete_cds_
 m92357_3609-4131,b94_protein_mrna,_complete_cds_
15 m94880_f_at_m94880_m94880_4040_in_m94880_515-1055,mhc_i_(hla-a*8001)_mrna
 m97935_3412-3886,transcription_factor_isgf-3_mrna_sequence_
 u49020mrna#1_4711-5228,_mef2a_gene_(myocyte-
 specific_enhancer_factor_2a,_c9_form)_extracted_frommyoc
 u70451_2097-
20 2607,myleoid_differentiation_primary_response_protein_myd88_mrna,_complete_cds.
 all_x07696_1300-1685,mrna_for_cytokeratin_15_
 x12451mrna_974-1496,mrna_for_pro-cathepsin_1_(major_excreted_protein_mep)_
 x53587mrna_5160-5688,mrna_for_integrin_beta_4
 all_x82200_2236-2801,staf50_mrna_
25 x83416exon_1688-2160,prp_gene,_exon_2
 all_z19554_1243-1734,vimentin_gene_

Metagene 288

- 30** 107919_1386-1779,homeodomain_protein_dlx-2_mrna,_3'_end
 u17032_4391-4961,p190-b_(p190-b)_mrna,_complete_cds

Metagene 454

- 35** all_102326_2-320,(clone_hu_lambda-17)_lambda-like_gene,_complete_cds
 all_m34516_426-
 469,omega_light_chain_protein_14.1_(ig_lambda_chain_related)_gene,omega_light_chain_p
 all_m34516_426-
 469,omega_light_chain_protein_14.1_(ig_lambda_chain_related)_gene,omega_light_chain_p

- m63438_794-1195,ig_rearranged_gamma_chain_mrna_v-j-c_region_and_complete_cds
m87789_1021-1512,(hybridoma_h210)_anti-
hepatitis_a_igg_variable_region_constant_region_complementa
v00563mrna_19-127,gene_for_immunoglobulin_mu_part_of_exon_8.
- 5** x53961cds_1772-2060:in_reversesequence,_2450-2564,mrna_for_lactoferrin
x57809mrna_309-
449, rearranged_immunoglobulin_lambda_light_chain_mrna, rearranged_immunoglobulin_lambd
- Metagene 68
- 10** d63875_3762-4200,mrna_for_kiaa0155_gene,_complete_cds
d87002cds#2_4-201: not_in_gb_record,_pom121-
likegene_extracted_from(lambda)_dna_for_immunoglobulin_ligh
all_j00277_3607-3724,(genomic_clones_lambda-[sk2-t2,_hs578t];_cdna_clones_rs-[3,4,_6])_c-ha-
- 15** ras1_pro
j04810_2923-3414,msh3_gene,_complete_cds_
m13232mrna_1850-2405,factor_vii_serine_protease_precursor_mrna,_complete_cds,_clone_lambda-
hvii2463
m34376mrna_2-238,(clone_lambda_msp131)_beta-microseminoprotein_(msp)_gene_
20 all_m76732_736-1273,hox7_gene
s67325_1328-
1712,_propionyl_coa_carboxylase_beta_subunit_[human,_liver,_placenta,_hl1008,_mrna,_1791
u09196mrna_725-1169,1.1_kb_mrna_upregulated_in_retinoic_acid_treated_hl-60_neutrophilic_cells
u21858_704-1064,transcriptional_activation_factor_tafii32_mrna,_complete_cds_
25 u26266_490-1046,deoxyhypusine_synthase_mrna,_complete_cds/gb=u26266_/ntype=ma
u31176_1677-2217,herv1_mrna,_complete_cds
u37221_1537-1981,cyclophilin-like_protein_mrna,_partial_cds
u43408_2308-2668,tyrosine_kinase_(tnk1)_mrna,_complete_cds_
u50383_2015-2441,retinoic_acid-responsive_protein_(nn8-4ag)_mrna,_complete_cds_
30 u61981_3743-
3819,putative_mismatch_repair/binding_protein_hmsh3_(hmsh3)_mrna,_complete_cds_
u66702_4190-4616,phogrin_mrna,_complete_cds
u83239_323-877,cc_chemokine_stcp-1_mrna,_complete_cds
all_x52426_1139-1665,mrna_for_cytokeratin_13_
35 all_x64643_1944-2407,c6.1a_mrna
x68733mrna_1056-1488,gene_for_alpha1-antichymotrypsin_exon_1_
all_x81836_812-1414,mrna_for_dents_disease_candidate_gene
x89984cds_465-573:in_reversesequence,_1646-1820,mrna_for_bcl7a_protein
all_x91648_1082-1611,mrna_for_pur_alpha_extended_3'_untranslated_region

- all_x92106_1361-1932,mrna_for_bleomycin_hydrolase
 x93036cds_88-163:in_reversesequence,_34-37,mrna_for_mat8_protein
 all_x96484_497-1056,mrna_for_dgcr6_protein_
 x97444cds_2-405,mrna_for_transmembrane_protein_tmp21-iiex/gb=x97444_/ntype=rna_
5 x98834mrna_4116-
 4620,_zinc_finger_protein_hsal2_gene_extracted_frommrna_for_zinc_finger_protein_hsa
 z78289_35-153,mrna_(clone_1d2).
- Metagene 47
- 10** m30496_321-759,ubiquitin_carboxyl-terminal_hydrolase_(pgp_9.5,_uch-
 l3)_isozyme_l3_mrna_complete_cds
 s62539_5366-5756,_insulin_receptor_substrate-1_[human,_skeletal_muscle,_mrna,_5828_nt]
 s77393_43-
15 205,_transcript_ch138_[human,_rf1,rf48_stomach_cancer_cell_lines,_mrna,_235_nt]/gb=s77393_
 u17886mrna_507-981,succinate_dehydrogenase_iron-protein_subunit_(sdhb)_gene
 x82068cds_2293-2647:in_reversesequence,_3019-
 3103,mrna_for_glutamate_receptor_subunit_glurc_
 all_x86163_2233-2564,mrna_for_b2-bradykinin_receptor,_3'_
20 x93511cds_2-312,mrna_for_telomeric_dna_binding_protein_(orf1)
- Metagene 474
- d83243_5401-5857,npat_mrna_complete_cds_
25 hg4297-ht4567_at_hg4297-ht4567_transcriptional_coactivator_pc4_
 l22075_795-1377,guanine_nucleotide_regulatory_protein_(g13)_mrna_complete_cds_
 l40157_4445-4907,endosome-associated_protein_(eeal)_mrna_complete_cds_
 l40400mrna_2014-2542,(clone_zap113)_mrna,_3'_end_of_cds_
 l76571cds_440-734:in_reversesequence,_1070-
30 1310,nuclear_hormone_receptor_(shp)_gene,_3'_end_of_cds
 s62028_496-1041,_recoverin_[human,_retina,_mrna,_1108_nt]
 u31248_1663-2209,zinc_finger_protein_(znf174)_mrna_complete_cds_
 u49516_4157-4691,serotonin_5-ht2c_receptor_mrna_complete_cds
 x53595cds_525-1007:in_reversesequence,_1054-1104,mrna_for_beta-2-
35 glycoprotein_i_(apolipoprotein_h)
 x90858cds#2_396-888:in_reversesequence,_1270-1306,mrna_for_uridine_phosphorylase
- Metagene 455

- 112060mrna_1032-1411,retinoic_acid_receptor_(gamma-7)_mrna
 132832_11295-11853,zinc_finger_homeodomain_protein_(atbf1-a)_mrna,_complete_cds.
 133842mrna_1213-1639,(clone_ffe-
 7)_type_ii_inosine_monophosphate_dehydrogenase_(impdh2)_gene,_exons_
5 136644mrna_3085-3137,receptor_protein-tyrosine_kinase_(hek7)_mrna,_3'_end_
 149219exon_2-42:in_reversesequence,_70-
 79,retinoblastoma_susceptibility_protein_(rb1)_1486wbp_deleti
 u21943_2246-2678,organic_anion_transporting_polypeptide_(oatp)_mrna,_complete_cds
 u41767_2113-2688,metargidin_precursor_mrna,_complete_cds_
10 u46461_1591-2152,dishevelled_homolog_(dvl)_mrna,_complete_cds
 u50062_1713-2181,rip_protein_kinase_gene,_complete_cds_
 x52213cds_810-1371,ltk_mrna
 x57025mrna_6635-7151,igf-i_mrna_for_insulin-like_growth_factor_i_
 x66142cds_2216-2539:in_reversesequence,_2600-2643,mrna_for_rod_cgmp_phosphodiesterase_
15 x99897cds_6561-6760:in_reversesequence,_7057-7274,mrna_for_p/q-
 type_calcium_channel_alpha1_subunit_

Metagene 325

- 20** d86096_cds1_s_at_d86096_d86096,not_in_gb_record,_ep3-
 iv_gene_extracted_fromdna_for_prostaglandin_e_r
 d86096_cds3_at_d86096_d86096,not_in_gb_record,_ep3-
 iv_gene_extracted_fromdna_for_prostaglandin_e_rec
 s74720_1889-1995,_dax-1=dss-
25 ahc_critical_region_on_x_chromosome,_gene[human,_adrenal_hypoplasia_cong
 all_x17098_1278-1357,psg10_mrna_for_pregnancy_specific_glycoprotein_10_

Metagene 135

- 30** 140396mrna_1542-2028,(clone_s22i71)_mrna_fragment_
 m21186_122-650,neutrophil_cytochrome_b_light_chain_p22_phagocyte_b-
 cytochrome_mrna,_complete_cds_
 m98833_2383-2899,ergb_transcription_factor_(fli-1_homolog)_mrna,_complete_cds
 u27655_2169-2577,rgp3_mrna,_complete_cds_

35

Metagene 74

- l21715_127-631,troponin_i_fast-twitch_isoform_mrna,_complete_cds
 l76687mrna_1823-2291,grb14_mrna,_complete_cds_

y07596cds_1035-1149:in_reversesequence,_1173-1509,mrna_for_gpi8_protein_
z19574mrna_1039-1479,gene_for_cytokeratin_17

Metagene 372

5

ac002486cds_812-1358,bac_clone_rg367o17_from_7p15-
p21,_complete_sequence/gb=ac002486_/ntype=dna_/ann
af002700_931-1471,tgf-beta_related_neurotrophic_factor_receptor(trnr2)_mrna,_complete_cds
d13168exon_2254-2800,gene_for_endothelin-b_receptor_(het-br)_

10

j00148cds#1_103-613:in_reversesequence,_1796-
1841,growth_hormone_(somatotropin,_gh1)_gene,_complete_
j04093_1842-2342,phenol_udp-glucuronosyltransferase_(udpgt)_mrna,_complete_cds
m22995_1008-1542,ras-related_protein_(krev-1)_mrna,_complete_cds_
u90336_2606-3074,peg3_mrna,_partial_cds

15

all_x69886_1163-1504,mrna_for_glycerol_kinase
x92814cds_194-458:in_reversesequence,_907-937,mrna_for_rat_hrev107-like_protein_
z20656mrna_5438-5751,of_cardiac_alpha-myosin_heavy_chain_gene

Metagene 304

20

d13639_5889-6345,mrna_for_kiak0002_gene,_complete_cds
d89077_2160-2592,mrna_for_src-like_adapter_protein,_complete_cds_
hg1872-ht1907_at_hg1872-ht1907_major_histocompatibility_complex,_dg
hg3576-ht3779_f_at_hg3576-ht3779_major_histocompatibility_complex,_ii_beta_w52_

25

all_j00123_539-1020,enkephalin_gene
j03909_461-995,gamma-interferon-inducible_protein_(ip-30)_mrna,_complete_cds_
j04130mrna_87-634,activation_(act-2)_mrna,_complete_cds
all_k02405_5550-7761:in_k02405cds_778,mhc_ii_hla-dc-3-beta_gene_(dr3,3)_
m12529mrna_562-1132,apolipoprotein_e_mrna,_complete_cds

30

m12886_950-1091,t-cell_receptor_active_beta-chain_mrna,_complete_cds_
m13560exon_3-562:not_in_gb_record,ia-associated_invariant_gamma-chain_gene
m20902cds_2-200:in_reversesequence,_517-5083,apolipoprotein_c-i_(vldl)_gene,_complete_cds_
m21119_137-591,lysozyme_mrna,_complete_cds_
m26062_3505-3871,interleukinreceptor_beta_chain_(p70-75)_mrna,_complete_cds_

35

m34996_448-699,mhc_cell_surface_glycoprotein_(hla-dqa)_mrna,_3'_end
m57466mrna_514-1036,mhc_ii_hla-dp_light_chain_mrna,_complete_cds_
m59807mrna_369-933,nk4_mrna,_complete_cds
m63835mrna_896-1388,igg_fc_receptor_i_gene_
u15085_821-1289,hla-dmb_mrna,_complete_cds_

- u19713_18-374,allograft-inflammatory_factor-1_mrna,_complete_cds_
u20158_1551-1911,76_kda_tyrosine_phosphoprotein_slp-76_mrna,_complete_cds
u51240_1679-2171,lysosomal-associated_multitransmembrane_protein_(laptm5)_mrna,_complete_cds_
5 u89922_267-773,lymphotoxin_beta_isoform_variant,_alternatively_spliced_mrna,_complete_cds
x00274exon#5_1-337:not_in_gb_record,gene_for_hla-dr_alpha_heavy_chain_a_ii_antigen_(immune_response_
x03068_f_at_x03068_x03068,_40_in_x03068cds_600-750:_29_in_reversesequence,_867-1167,mrna_for_hla-d_i
10 x03100mrna_908-1124:in_reversesequence,_10629-10851,_hla-sb_alpha_gene_(class_ii_antigen)_extracted_
all_x07743_2156-2679,mrna_for_pleckstrin_(p47)_
all_x16663_1397-1872,hs1_gene_for_heamatopoietic_lineage_cell_specific_protein_
all_x59892_2163-2542,mrna_for_ifn-inducible_gamma2_protein_
15 x62744cds_469-745:in_reversesequence,_814-1018,ring6_mrna_for_hla_ii_alpha_chain-like_product_
x66401cds#1_327-615:in_fullsequence,_45931-47208:not_in_gb_record,_lmp2_gene_extracted_fromgenes_tap
x68090cds_5-61,fc-gamma-
20 riia_gene_for_igg_fc_receptor_ii_a_(5'_flank)/gb=x68090/_ntype=dna/_annot=cds
all_x72755_2106-2479,humig_mrna
x89109cds_860-1326:in_reversesequence,_1457-1488,mrna_for_coronin_
z36531cds_934-1294:in_reversesequence,_1345-1453,mrna_for_fibrinogen-like_protein_(pt49_protein)
25
Metagene 10
d78333_1188-1734,mrna_for_testis-specific_tcp20,_complete_cds
m86707_1190-1580,myristoyl_coa:protein_n-myristoyltransferase_mrna
30 s77410_1805-2225,_typeangiotensin_ii_receptor_[human,_liver,_mrna,_2268_nt]
u25997_3311-3824,stanniocalcin_precursor_(stc)_mrna,_complete_cds
u40490_3673-4177,nicotinamide_nucleotide_transhydrogenase_mrna,_nuclear_gene_encoding_mitochondrial_
u50078_14603-15101,guanine_nucleotide_exchange_factor_p532_mrna,_complete_cds
35 u65932_1244-1634,extracellular_matrix_protein(ecm1)_mrna,_complete_cds
all_x84373_6655-7208,mrna_for_nuclear_factor_rip140

Metagene 273

- d13666_2630-3072,mrna_for_osteoblast_specific_factor(osf-2os)
d21255_3362-3812,mrna_for_ob-cadherin-2,_complete_cds
hg1140-ht4817_s_at_hg1140-ht4817_collagen,_type_vi,_alpha_2,_altsplice_2_
hg3044-ht3742_s_at_hg3044-ht3742_fibronectin,_altsplice_1
5 hg3431-ht3616_s_at_hg3431-ht3616_decorin,_altsplice_1
j04177_5773-6133,alpha-1_type_xi_collagen_(coll1a1)_mrna,_complete_cds_
all_116895_1511-2016,lysyl_oxidase_(lox)_gene,_exon_7
m24486mrna_2110-2684,prolyl_4-hydroxylase_alpha_subunit_mrna,_complete_cds,_clone_pa-11
m65292_667-1202, factor_h_homologue_mrna,_complete_cds
10 u21128_1254-1632,lumican_mrna,_complete_cds
u37283_370-868,microfibril-associated_glycoprotein-2_magp-2_mrna,_complete_cds_
all_x02761_7082-7646,mrna_for_fibronectin_(fn_precursor)_
all_x06700_1946-2466,mrna_3'_region_for_pro-alpha1(iii)_collagen_
all_x14787_5124-5701,mrna_for_thrombospondin_
15 x52022_9941-10349,rna_for_type_vi_collagen_alpha3_chain
x57766mrna_1658-2168,stromelysin-3_mrna
all_x82153_1128-1615,mrna_for_cathepsin_o
all_z74615_5320-5852,mrna_for_prepro-alpha1(i)_collagen
all_z74616_4470-4992,mrna_for_prepro-alpha2(i)_collagen
20
Metagene 330

d10040_3243-3489,mrna_for_long-chain_acyl-coa_synthetase_
d55654_786-1224,mrna_for_cytosolic_malate_dehydrogenase,_complete_cds
25 d63874_865-1153,mrna_for_hmg-1,_complete_cds_
d63878_2850-3408,mrna_for_kiaa0158_gene,_complete_cds
d63880_4952-5504,mrna_for_kiaa0159_gene,_complete_cds
d79205_5-319:in_reversesequence,_323-325,mrna_for_ribosomal_protein_l39,_complete_cds_
d79996_1759-2305,mrna_for_kiaa0174_gene,_complete_cds
30 d90209_1420-1972,mrna_for_dna_binding_protein_taxreb67_
hg1116-ht1116_at_hg1116-ht1116_proliferating-cell_nucleolar_antigen,_120_kda_
hg4312-ht4582_s_at_hg4312-ht4582_transcription_factor_iiia_
hg4334-ht4604_s_at_hg4334-ht4604_glycogenin
j05032_1721-2153,aspartyl-trna_synthetase_alpha-2_subunit_mrna,_complete_cds_
35 l08069_909-1347,heat_shock_protein,_ecoli_dnaj_homologue_mrna,_complete_cds
l13761mrna_3838-4270,dihydrolipoamide_dehydrogenase_gene,_exon_14_
l20941_615-1143,ferritin_heavy_chain_mrna,_complete_cds
l25931_3127-3607,lamin_b_receptor_(lbr)_mrna,_complete_cds_
l33881_1822-2206,protein_kinase_c_iota_isoform,_complete_cds_

- 176200_268-796,guanylate_kinase_(guk1)_mrna,_complete_cds
 m15990_3916-4390,c-yes-1_mrna
 all_m19283_2724-3319,cytoskeletal_gamma-actin_gene,_complete_cds_
 m22382mrna_1758-2184,mitochondrial_matrix_protein_p1_(nuclear_encoded)_mrna,_complete_cds
- 5** m26880_2206-2246,ubiquitin_mrna,_complete_cds
 m29064_1225-1657,hnrnp_b1_protein_mrna_
 m33521exon#2_2706-3144:in_reversesequence,_4118-4148,hla-b-associated_transcript(bat3)_gene,_5'_end
 m55531mrna_1647-2175,glucose_transport-like(glut5)_mrna,_complete_cds_
- 10** m60858mrna_2193-2481,nucleolin_gene,_complete_cds_
 m84739_1366-1876,autoantigen_calreticulin_mrna,_complete_cds_
 m85169_2712-3276,homologue_of_yeast_sec7_mrna,_complete_cds
 m94556_171-567,mitochondrial_specific_single_stranded_dna_binding_protein_mrna,_complete_cds_
- 15** m96843_668-1112,striated_muscle_contraction_regulatory_protein_(id2b)_mrna,_complete_cds_
 m96982_483-801,u2_snrnp_auxiliary_factor_small_subunit,_complete_cds
 s63912_2442-3018,_d10s102=fbrnp_[human,_fetal_brain,_mrna,_3043_nt]_
 u05227_1078-1564,rar_protein_mrna,_complete_cds
 u07550_139-493,chaperoninmrna,_complete_cds
- 20** u09587_2261-2330,glycyl-trna_synthetase_mrna,_complete_cds.
 u19247mrna_1469-1939,interferon-gamma_receptor_alpha_chain_gene_
 u24576_1467-2013,breast_tumor_autoantigen_mrna,_complete_sequence
 u40369mrna_851-995,spermidine/spermine_n1-acetyltransferase_(ssat)_gene,_complete_cds_
 u41816_614-1004,c-1_mrna,_complete_cds_
- 25** u47635_1921-2353,d13s824e_locus_mrna,_complete_cds_
 u51478_856-1282,sodium/potassium-transporting_atpase_beta-3_subunit_mrna,_complete_cds_
 u63743_2187-2715,mitotic_centromere-associated_kinesin_mrna,_complete_cds
 u69126_1831-2345,fuse_binding_protein(fbp2)_mrna,_partial_cds_
 u75308_3654-4092,tbp-associated_factor_(htafii130)_mrna,_partial_cds_
- 30** u90552_2814-3377,butyrophilin_(btf5)_mrna,_complete_cds,butyrophilin_(btf5)_mrna,_complete_cds
 all_x14684_629-1150,mrna_for_la_protein_c-terminal_region
 all_x51755_8272-8537,_ig_light-chain,_partial_ke-oz-_polypeptide;_author-given_protein_sequence_is_i
- 35** x56494mrna#1_1894-2398,m_gene_for_m1-type_and_m2-type_pyruvate_kinase
 all_x59812_1586-2025,cyp_27_mrna_for_vitamin_d3_25-hydroxylase_
 all_x60221_635-1044,mrna_for_h+-atp_synthase_subunit_b_
 all_x78627_2163-2674,mrna_for_translin_
 all_x99325_1482-1927,mrna_for_ste20-like_kinase

all_z29064_3656-4251,af-1p_mrna
 z50022mrna_2064-2478,mrna_for_surface_glycoprotein_
 z74792mrna_1470-1917,mrna_for_ccaat_transcription_binding_factor_subunit_gamma.

5 Metagene 205

j02973mrna_3467-4007,_thbd_gene_extracted_fromthrombomodulin_gene,_complete_cds_
 l36069_1283-
 1709,high_conductance_inward_rectifier_potassium_channel_alpha_subunit_mrna,_complete_cd
 10 u51587_4262-4772,golgi_complex_autoantigen_golgin-97_mrna,_complete_cds
 all_x55666_1222-1613,usf_mrna_for_late_upstream_transcription_factor_
 x58377mrna_1716-2232,mrna_for_adipogenesis_inhibitory_factor_

Metagene 117

15

all_m21642_180-
 301,(dysfunctional)_antithrombin_iii_(atiii)_utah_gene,(dysfunctional)_antithrombin_i
 m83772_1565-2015,flavin-containing_monooxygenase_form_ii_(fmo2)_mrna,_complete_cds_
 y07829exon#1_7-
 20 283,_exon_fromgene_encoding_ring_finger_protein/gb=y07829_/ntype=dna_/annot=exon,_exo

Metagene 28

d14822_570-717,chimeric_mrna_derived_from_aml1_gene_and_mtg8(eto)_gene,_partial_sequence.
 25 d87743_3861-4323,mrna_for_kiaa0267_gene,_partial_cds_
 hg3942-ht4212_at_hg3942-ht4212_interferon
 l14787_1203-1641,dna-binding_protein_mrna,_3'_end
 l15388_1992-2478,g_protein-coupled_receptor_kinase_(grk5)_mrna,_complete_cds_
 l24564_854-1400,rad_mrna,_complete_cds_
 30 all_m61853_1735-2240,cytochrome_p450c18_(cyp2c18)_mrna,_clone_6b
 m76482_2855-3251,130-kd_pemphigus_vulgaris_antigen_mrna,_complete_cds
 s74683_848-1268,_adp-ribosyltransferase_[human,_skeletal_muscle,_mrna,_1334_nt]_
 u13369cds_1792-2248,ribosomal_dna_complete_repeating_unit/gb=u13369_/ntype=dna_/annot=cds
 all_x96584_1444-1961,mrna_for_nov_protein

35

Metagene 376

all_ac000061_18132-
 57268:in_ac000061cds#2_1270,_wugsc:h_133k23.1c_gene_extracted_frombac_clone_133k2

- ad000092_21426-21637:in_ad000092cds#1_3369-3688:in_all_ad000092_21396-21427, _hypotheticalserine-thre
af002224_24-373,angelman_syndrome_gene,_e6-
ap_ubiquitin_protein_ligase_3a_(ube3a)_mrna_from_promoter
- 5** d21851_3680-4148,mrna_for_kiaa0028_gene,_partial_cds_
hg3934-ht4204_at_hg3934-ht4204_g1_phase-specific_gene
hg4272-ht4542_at_hg4272-ht4542_hepatocyte_growth_factor_receptor_
hg4490-ht4876_f_at_hg4490-ht4876_proline-rich_protein_prb4,_allele_
hg846-ht846_at_hg846-ht846_cyclophilin-related_protein_
- 10** j03069mrna_2331-2907,mycl2_gene,_complete_cds_
j03634_1563-1815,erythroid_differentiation_protein_mrna_(edf),_complete_cds
j04101_861-1425,erythroblastosis_virus_oncogene_homolog(ets-1)_mrna,_complete_cds.
l02840mrna_3224-3602:in_reversesequence,_3674-
3710,potassium_channel_kv2.1_mrna,_complete_cds
- 15** l07540_721-1159,replication_factor_36-kda_subunit_mrna,_complete_cds
m21539_521-557,small_proline_rich_protein_(sprii)_mrna,_clone_1292_
m24248exon_201-220:not_in_gb_record,mlc-1v/sb_isoform_gene_
m25296_82-649,natriuretic_peptide_precursor_mrna,_complete_cds_
m37245cds_272-434:in_reversesequence,_113-353,ig_superfamily_cytotoxic_t-lymphocyte-
20 associated_prote
m60165mrna_571-1069,_hla-dqb1_gene_extracted_fromguanine_nucleotide-
binding_regulatory_protein_(go-a
all_m62628_1743-2182,alpha-1_ig_germline_c-region_membrane-coding_region,_3'_end_
m87499cds_586-880:in_reversesequence,_2927-3041,uracil-
25 dna_glycosylase_(ung)_gene,_complete_cds_
m95740exon#12_279-381,alpha-l-iduronidase_gene_
m99063_1942-2452,cytokeratinmrna,_complete_cds_
s70348_55-
367,_integrin_beta{alternatively_spliced,_clone_beta_3c}_[human,_erythroleukemia_cell_hel,
30 u00951_1325-1691,clone_a9a2br11_(cac)n/(gtg)n_repeat-containing_mrna_
u08377_2654-3134,homolog_of_drosophila_splicing_regulator_suppressor-of-white-
apricot_mrna,_complete
u09550_1597-2149,oviductal_glycoprotein_mrna,_complete_cds_
u11870mrna_1901-2411,interleukin-
35 8_receptor_type_a_(il8rba)_gene,_promoter_and_complete_cds_
u16261_1147-1657,mda-7_(mda-7)_mrna,_complete_cds
u18271exon#3_51-512,thymopoietin_(tppo)_gene,thymopoietin_(tppo)_gene
u19495_1634-2204,intercrine-alpha_(hirh)_mrna,_complete_cds
u26914_3113-3533,ras-responsive_element_binding_protein_(rreb-1)_mrna,_complete_cds

- u28150cds_281-
839,adrenoleukodystrophy_related_protein_(haldr)_gene,_partial_cds/gb=u28150_/ntype=dn
u36759_486-1016,pre-t_cell_receptor_alpha-type_chain_precursor,_mrna,_complete_cds_
u39905_2148-2670,vesicular_monoamine_transporter_vmat1_mrna,_complete_cds
- 5** u54804_2444-2912,has2_mrna,_complete_cds_
u56976_1664-2240,calmodulin_dependent_phosphodiesterase_pde1b1_mrna,_complete_cds_
u61166_2652-3150,sh3_domain-containing_protein_sh3p17_mrna,_complete_cds_
u64197_250-658,chemokine_exodus_mrna,_complete_cds_
u66559_4812-5244,anaplastic_lymphoma_kinase_receptor_mrna,_complete_cds
- 10** all_u66726_2378-
2421,testis_specific_rna_binding_protein_(spgyla)_mrna,_complete_cds,testis_specific
u67733_3650-4178,cgmp-stimulated_3',5'-
cyclic_nucleotide_phosphodiesterase_pde2a3_(pde2a)_mrna,_co
x16260cds_2053-2485:in_reversesequence,_2508-2631,mrna_for_inter-alpha-
- 15** trypsin_inhibitor_subunit_3
all_x51801_1415-1824,op-1_mrna_for_osteogenic_protein
x53683mrna_377-638,lag-1_mrna
all_x56677_1103-1584,myod_mrna_
x74614exon#2_17-377:in_reversesequence,_1279-
- 20** 1387:not_in_gb_record,odf2_(allele_2)_gene_for_outer_de
x80590cds_653-1109,phkg1_mrna
x82634_1048-1378,partial_mrna_for_hair_keratin_acidic_3-ii_
y10256_2797-3247,mrna_for_serine/threonine_protein_kinase,_nik_
y11710mrna_2222-2642,mrna_for_extracellular_matrix_protein_collagen_type_xiv,_c-terminus
- 25** z48519exon#3_11-223,xg_gene_(clone_race5)/gb=z48519_/ntype=rna_
all_z50053_2518-3047,mrna_for_alpha2i-subunit_of_soluble_guanylyl_cyclase
z50194cds_664-856:in_reversesequence,_1345-1372,mrna_for_pq-rich_protein
all_z68193_17672-
20477,dna_sequence_from_cosmid_qc8b6,_on_chromosome_xq28,_containing_red_opsin_gene
- 30** z83745exon_49-367,dna_sequence_from_pac_453a3_contains_est_and_sts.

Metagene 302

- ab002332_5132-5666,mrna_for_kiaa0334_gene,_complete_cds/gb=ab002332_/ntype=rna_
35 k03008_cds1_at_k03008_k03008,not_in_gb_record,_gamma-g2-psi_gene_extracted_fromgamma-c-
crystallin_(g
107044_1420-1762,calcium/calmodulin-
dependent_protein_kinase_(camk)_isoform_b_mrna_sequence_
l36844mrna_292-808,(clone_p15ink4b/ha5)_cdk_inhibitory_protein_mrna,_complete_cds_

u35407mrna_77-

193,peroxisomal_targeting_signal_import_receptor_(pxr1)_gene,_allele_5,_partial_cds/gb

y07846exon#7_92-587,mrna_for_gar22_protein_

all_y09616_1443-1948,mrna_for_putative_carboxylesterase

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Metagene 423

d38549_3838-4336,mrna_for_kiaa0068_gene,_partial_cds_

d63877_2386-2908,mrna_for_kiaa0241_gene,_partial_cds_

10 d86967_5483-5873,mrna_for_kiaa0212_gene,_complete_cds

hg4063-ht4333_s_at_hg4063-ht4333_transcription_factor_hbf-2

j03171_2250-2700,interferon-alpha_receptor_(huifn-alpha-rec)_mrna,_complete_cds

j04760mrna_233-791,slow-twitch_skeletal_troponin_i_(tnn1)_mrna,_complete_cds_

107956_2402-2930,1,4-alpha-glucan_branching_enzyme_(hgbe)_mrna,_complete_cds

15 135546mrna_1027-1543,gamma-glutamylcysteine_synthetase_light_subunit_mrna,_complete_cds_

m35128cds_1044-1320:in_reversesequence,_1936-

2038,muscarinic_acetylcholine_receptor_gene,_complete_c

m63582mrna_1062-1518,preprothyrotropin-releasing_hormone_gene

u05321mrna_3734-4220,x-linked_pest-containing_transporter_(xpct)_gene,_promoter_and

20 x13794mrna_713-1229,lactate_dehydrogenase_b_gene_exonand(ec_1.1.1.27)_(and_joined_cds)

x82224cds_733-1165:in_reversesequence,_1273-1303,mrna_for_glutamine_transaminase_k

Metagene 349

25 j02943mrna_869-1373,corticosteroid_binding_globulin_mrna,_complete_cds_

m96789_1026-1548,connexin_37_(gja4)_mrna,_complete_cds

z81326cds_913-1189:in_reversesequence,_1348-

1486,mrna_for_protease_inhibitor(pi12;_neuroserpin).

30 Metagene 26

d14134_1646-2192,mrna_for_rad51,_complete_cds

j03778_520-1075,microtubule-associated_protein_tau_mrna,_complete_cds

108096_314-794,cd27_ligand_mrna,_complete_cds

35 u17977_79-379,_hsu17977cdna_

u39196_2616-3084,clone_hgirk1_g-

protein_coupled_inwardly_rectifying_potassium_channel_mrna,_complete

u58090_1035-1605,hs-cul-4a_mrna,_partial_cds_

u94320_828-1392,neuropeptide_y5_receptor_(npyy5)_mrna,_complete_cds

- x00949cds_65-487,mrna_for_prepro-relaxin_h1/gb=x00949_/ntype=rna_
 x58822mrna_905-1422,ifn-omegagene_for_interferon-omega_1_
 x59841mrna_2006-2444,pbx3_mrna_
 x97230cds_782-1274:in_reversesequence,_1290-1353,mrna_for_nk_receptor,_clone_library_4m1#6
 5 x98001cds_572-932:in_reversesequence,_998-1064,mrna_for_geranylgeranyl_transferase_ii_

Metagene 192

- hg3730-ht4000_s_at_hg3730-ht4000_tyrosine_kinase_syk_
 10 l19401_3716-4220,myosin_i_homologue_(myh12)_mrna,_3'_end_of_cds
 m96740_2014-2476,nscl-2_gene_sequence
 all_s94421_33-496,_tcr_eta_#name?_cell_receptor_eta-exon_[human,_genomic,_806_nt]
 all_u27333_2701-
 2753,alpha_(1,3)_fucosyltransferase_(fut6)_mrna,_major_transcript_i,_complete_cds,al
 15 u33203_73-282,mdm2-e_(mdm2)_mrna,_complete_cds/gb=u33203_/ntype=rna
 u60975_6398-6824,hybrid_receptor_gp250_precursor_mrna,_complete_cds
 x03656mrna_971-1391,_g-csf_protein_gene_extracted_fromgene_for_granulocyte_colony-
 stimulating_factor
 all_x16281_402-898,mrna_for_zinc_finger_protein_(clone_431)
 20 x66922cds_362-728:in_reversesequence,_848-872,mrna_for_myo-insositol_monophosphatase
 x80763cds_202-528:in_reversesequence,_663-850,gene_for_5-ht2c_receptor
 x98307mrna_13-355,mrna_for_uv-b_repressed_sequence,_hur_7
 all_z11685_1974-2425,mrna_for_rna_helicase_
 z29077mrna#1_3-55,_un-named-transcript-
 25 l_fromcdc25_gene_promoter_region/gb=z29077_/ntype=dna_/annot=

Metagene 337

- d87469_8413-8899,mrna_for_kiaa0279_gene,_partial_cds_
 30 l21934_3401-3905,acyl_coenzyme_a:cholesterol_acyltransferase_mrna,_complete_cds
 s60415_2937-3333,_myasthenic_syndrome_antigen_b_[human,_fetal_brain,_mrna,_3477_nt]
 u09716_1621-2124,mannose-specific_lectin_(mr60)_mrna,_complete_cds_
 u48250_1490-2030,protein_kinase_c-binding_protein_rack17_mrna,_partial_cds_
 all_x94612_2745-3328,mrna_for_type_ii_cgmp-dependent_protein_kinase
 35 y11709mrna_169-709,mrna_for_extracellular_matrix_protein_collagen_type_xiv,_n-
 terminus/gb=y11709_/nt

Metagene 12

- d14823_851-1343,chimeric_mrna_derived_from_am11_gene_and_mtg8(eto)_gene,_partial_sequence
d38076_322-700,mrna_for_ranbp1_(ran-binding_protein_1),_complete_cds_
d80004_6550-6898,mrna_for_kiaa0182_gene,_partial_cds_
d87075_5013-5469,mrna_for_kiaa0238_gene,_partial_cds_
5 d87673_960-1434,mrna_for_heat_shock_transcription_factor_4,_complete_cds_
d87716_2447-2942,mrna_for_kiaa0007_gene,_partial_cds_
hg2271-ht2367_at_hg2271-ht2367_profilaggrin
hg3039-ht3200_at_hg3039-ht3200_adp-ribosylation-like_factor
hg3636-ht3846_at_hg3636-ht3846_myosin_heavy_polypeptide_9,_non-muscle_
10 hg3884-ht4154_at_hg3884-ht4154_homeotic_protein_hpx-42_
j02783mrna_2075-2465,thyroid_hormone_binding_protein_(p55)_mrna,_complete_cds
j03824_756-1230,uroporphyrinogen_iii_synthase_mrna,_complete_cds_
l16782_1994-2522,putative_m_phase_phosphoprotein(mpp1)_mrna,_partial_cds
l18972cds_1821-2019:in_reversesequence,_2065-2305,anonymous_gene,_complete_cds
15 l19711_4952-5414,dystroglycan_(dag1)_mrna,_complete_cds
l34587_109-403,rna_polymerase_ii_elongation_factor_siii_p15_subunit_mrna,_complete_cds_
l37936_439-961,nuclear-encoded_mitochondrial_elongation_factor_ts_(ef-ts)_mrna,_3'_end_of_cds
l40407cds_696-882:in_reversesequence,_1060-
l264,thyroid_receptor_interactor_(trip9)_gene,_complete_c
20 l41067_3380-3884,nf-at4c_mrna,_complete_cds_
l76191mrna_3005-3521,interleukin-1_receptor-associated_kinase_(irak)_mrna,_complete_cds_
l77730exon_529-1009,a3_adenosine_receptor_(adora3)_gene_
all_m14158_1529-1794_t-cell_receptor_beta-chain_j1.3_gene_extracted_fromt-
cell_receptor_germline_be
25 m19961_55-469,cytochrome_c_oxidase_subunit_vb_(coxvb)_mrna,_complete_cds_
m34338_626-1197,spermidine_synthase_mrna,_complete_cds_
m60047_641-1097,heparin_binding_protein_(hbp17)_mrna,_complete_cds_
m65199_735-1101,endothelin(et2)_mrna,_complete_cds
m86752_1512-2046,transformation-sensitive_protein_(ief_ssp_3521)_mrna,_complete_cds
30 s40719_2440-2964_glia_fibrillary_acidic_protein_[human_glioma_cell_line_u-
251_mg,_mrna,_3033_nt]
s66793_697-1219_x-arrestin=s-antigen_homolog_[human_retina,_mrna,_1314_nt]
u05340_1103-1571,p55cdc_mrna,_complete_cds_
u07424_1266-1764,putative_trna_synthetase-like_protein_mrna,_complete_cds
35 u47621_1758-2286,nucleolar_autoantigen_no55_mrna,_complete_cds_
u55206_790-1222:not_in_gb_record,gamma-glutamyl_hydrolase_(hgh)_mrna,_complete_cds
u61263_1603-2077,acetolactate_synthase_homolog_mrna,_complete_cds
u62962_927-1347,int-6_mrna,_complete_cds_

- u68566_638-1124,hs1_binding_protein_hax-
 1_mrna,nuclear_gene_encoding_mitochondrial_protein,_complet
 u70735_507-1005,34_kda_mov34_isologue_mrna,_complete_cds/gb=u70735_/ntype=rna
 u79270_774-1176,clone_23707_mrna,_partial_cds
- 5** u85943_1527-1680,mrna-associated_protein_mrnp41_mrna,_complete_cds/gb=u85943_/ntype=rna
 x00368mrna_7-52,_exonfromprolactin_gene_5'_region/gb=x00368_/ntype=dna_/annot=mrna_
 x12794cds_864-1176:in_reversesequence,_1905-2139,v-erba_related_ear-2_gene_
 x13482cds_490-712:in_reversesequence,_870-942,mrna_for_u2_snmp-specific_a'_protein_
 x79781cds_276-546:in_reversesequence,_675-681,ray_mrna
- 10** x92744cds_6-174:in_reversesequence,_61-271,mrna_for_hbd-1_protein_
 all_y00285_8502-8980,mrna_for_insuline-like_growth_factor_ii_receptor
- Metagene 202
- 15** d50915_7282-7750,mrna_for_kiaa0125_gene,_complete_cds
 hg2415-ht2511_at_hg2415-ht2511_transcription_factor_e2f-2
 hg3872-ht4142_at_hg3872-ht4142_immunoglobulin_gamma_heavy_chain,_v(6)djc_regions_
 hg4460-ht4729_at_hg4460-ht4729_immunoglobulin_heavy_chain,_vdjc_regions
 hg4462-ht4731_at_hg4462-ht4731_immunoglobulin_heavy_chain,_vdjc_regions
- 20** j00210mrna_635-735,_ifna_gene_(interferon_alpha-d)_extracted_fromleukocyte_interferon_(ifn-
 alpha)_al
 j03068_2794-3286,dnf1552_(lung)_mrna,_complete_cds_
 110343cds_2-308:in_reversesequence,_476-2076,_huma_elafin_gene,_complete_cds_
 129217mrna_1299-1683,clk3_mrna,_complete_cds
- 25** l34035_1405-1813,nadp-dependent_malic_enzyme_mrna,_complete_cds/gb=l34035_/ntype=rna
 l38025exon#1-3_30-106:not_in_gb_record,ciliary_neurotrophic_factor_alpha_receptor_gene_
 all_m21005_1803-2524,migration_inhibitory_factor-related_protein(mrp8)_gene,_complete_cds_
 all_u05259_4343-4740:not_in_gb_record,mb-1_gene,_complete_cds
 u16812cds_274-601:in_reversesequence,_3897-4028,bak-2_gene,_complete_cds
- 30** u18237_231-759,atp-binding_cassette_protein_mrna_06b09_clone,_partial_cds
 u39817_3917-4373,bloom_syndrome_protein(blm)_mrna,_complete_cds_
 u40380_961-1027,presenilin_i-374_(ad3-212)_mrna,_complete_cds
 u58837_3430-4003,cgmp-gated_cation_channel_beta_subunit_(cncg2)_mrna,_complete_cds_
 all_x64878_3508-3965,mrna_for_oxytocin_receptor
- 35** x82240mma_723-
 1251,_tcl1_gene_(t_cell_leukemia)_extracted_frommrna_for_tcell_leukemia/lymphoma_1_
 x83412cds_225-412:in_reversesequence,_507-539,b1_mrna_for_mucin
 z00010exon#2_75-
 158,germ_line_pseudogene_for_immunoglobulin_kappa_light_chain_leader_peptide_and_var

z29574exon#3_1-373;in_reversesequence,_3141:not_in_gb_record,gene_for_bcma_peptide
z49194exon#5_1962-2256,mrna_for_oct-binding_factor_

Metagene 278

5

d00654exon_127-196:not_in_gb_record,enteric_smooth_muscle_gamma-actin_gene,_5'_flank_and
d42085_2200-2572,mrna_for_kiaa0095_gene,_complete_cds
d76435_2639-3065,mrna_for_zic_protein,_complete_cds
m37712mrna_3280-

10 3760,p58/gta_(galactosyltransferase_associated_protein_kinase)_mrna,_complete_cds

u06681_1348-1774,clone_cca12_mrna_containing_cca_trinucleotide_repeat

u15552_1831-2311,acidic_82_kda_protein_mrna,_complete_cds

u66198_215-713,fibroblast_growth_factor_homologous_factor(fhf-
2)_mrna,_complete_cds/gb=u66198_/ntype

15 all_x13293_2056-2549,mrna_for_b-myb_gene_

x13334cds_659-1049;in_reversesequence,_1234,cd14_mrna_for_myelid_cell-specific_leucine-
rich_glycopro

all_x87159_2076-2527,mrna_for_beta_subunit_of_epithelial_amiloride-sensitive_sodium_channel

20 Metagene 97

l11244mrna_545-1049,(clone_a12)_c4b-binding_protein_beta-chain_mrna,_complete_cds

all_m29458_440-1017,carbonic_anhydrase_iii_gene

m57731mrna_617-1032,gro-beta_mrna,_complete_cds

25 m90657_581-1163,tumor_antigen_(l6)_mrna,_complete_cds

Metagene 400

hg3085-ht3254_s_at_hg3085-ht3254_phosphodiesterase_

30 all_m60748_1209-1615,histone_h1_(h1f4)_gene,_complete_cds

m63623_2390-2900,oligodendrocyte-myelin_glycoprotein_(omgp)_mrna,_complete_cds_

all_x74837_2811-3196,humm9_mrna

all_x78578_3781-4268,ppp1r3_mrna_for_protein_phosphatase_1,_glycogen-
binding_regulatory_subunit

35

Metagene 284

k03021exon#14_343-853,tissue_plasminogen_activator_(plat)_gene,_complete_cds_

all_m55998_2-265,alpha-1_collagen_type_i_gene,_3'_end

- m88461_993-1538,neuropeptide_y_peptide_yy_receptor_mrna,_complete_cds
u32907_1401-1923,p37nb_mrna,_complete_cds
u62325_2343-2805,fe65-like_protein_(hfe651)_mrna,_partial_cds
all_x52947_2497-2942,mrna_for_cardiac_gap_junction_protein_
5 all_x54667_676-706,mrna_for_cystatin_s,mrna_for_cystatin_s
all_x57351_294-891,1-8d_gene_from_interferon-inducible_gene_family,1-
8d_gene_from_interferon-inducib
all_x69111_662-1185,h1h_1r21_mrna_for_helix-loop-helix_protein_
all_z29083_1644-2023,5t4_gene_for_5t4_oncofetal_antigen
10 Metagene 483
m60094mrna_196-640,testicular_h1_histone_(h1)_gene,_complete_cds
x00948cds_65-503,mrna_for_prepro-relaxin_h2/gb=x00948/_ntype=rna_
15 Metagene 307
d84454_2031-2577,mrna_for_udp-galactose_translocator,_complete_cds_
109708mrna_2255-2795,complement_component(c2)_gene_allele_b_
20 u41315mrna#1_3083-3653,ring_zinc-finger_protein_(znf127-xp)_gene_and_5'_flanking_sequence_
x58529mrna_1754-
2276,rearranged_immunoglobulin_mrna_for_mu_heavy_chain_enhancer_and_constant_region
x72475cds_111-343,mrna_for_rearranged_ig_kappa_light_chain_variable_region_(i.114)_
25 Metagene 260
d29833_194-680,mrna_for_salivary_proline_rich_peptide_p-b,_complete_cds
d87433_6272-6752,mrna_for_kiaa0246_gene,_partial_cds_
u31384_57-591,g_protein_gamma-11_subunit_mrna,_complete_cds
30 u62801_935-1481,protease_m_mrna,_complete_cds
Metagene 126
d38437_37-604,dna_mismatch_repair_mrna_
35 hg1604-ht1604_at_hg1604-ht1604_adrenergic_beta_receptor_kinase_2_
hg651-ht5209_s_at_hg651-ht5209_adducin_alpha_subunit_altsplice_3_
j03915_1313-1721,chromogranin_a_mrna,_complete_cds_
k03183cds_2-326,chorionic_gonadotropin_beta_subunit_gene_

s75256_32-

446_hn1=neutrophil_lipocalin [human_ovarian_cancer_cell_line_oc6_mrna_partial_534_nt]/

u08989_1383-1857,glutamate_transporter_mrna_complete_cds

u17280_1004-1562,steroidogenic_acute_regulatory_protein_(star)_mrna_complete_cds

5 all_u21689_2955-3116,glutathione_s-transferase-p1c_gene_complete_cds

u31973_2396-2914,phosphodiesterase_a'_subunit_(pde6c)_mrna_complete_cds_

u33822_2053-2563,tax1-binding_protein_txbp181_mrna_complete_cds_

u40372_1565-2021,3',5'_cyclic_nucleotide_phosphodiesterase_(hspdelc3a)_mrna_partial_cds

all_u73167_4971-

10 35099_h_luca14.2a_gene_extracted_fromcosmid_luca14_h_luca14.2a_gene_extracted_from

all_x07496_2066-2268,tangier_apoa-i_gene_

x58964cds_2500-2914,gene_for_mhc_ii_regulatory_factor_rfx

x85178_267-627,surf-5_mrna_

x98258cds_481-619:in_reversesequence_625-829,mrna_for_m-phase_phosphoprotein_mpp9

15 x99479_f_at_x99479_x99479_40_in_x99479cds_951-1047:30_in_reversesequence_1065-

1461,mrna_for_nk_re

Metagene 16

20 k01396mrna_769-1201,alpha-1-antitrypsin_mrna_complete_cds_

m80482_3922-4324,subtilisin-like_protein_(pace4)_mrna_complete_cds

all_x15422_3003-3550,mrna_for_mannose-binding_protein_c

all_x64810_4454-5019,encoding_pc1/pc3

all_x81438_2665-3206,mrna_for_amphiphysin

25 z12830cds_344-764:in_reversesequence_943,mrna_for_ssr_alpha_subunit

all_z22534_2132-2637,alk-2_mrna

Metagene 279

30 all_110381_2086-2579,2-5a-dependent_mase_gene_complete_cds_

m57703_129-629,melanin_concentrating_hormone_(mch)_mrna_complete_cds

u66359_1205-1583,t54_protein_(t54)_mrna_complete_cds

Metagene 228

35

d26535exon#15_940-1455,gene_for_dihydrolipoamide_succinyltransferase_complete_cds_(exon_1-15)_

d78577exon_853-1391,dna_for_14-3-3_protein_eta_chain_

d86980_4616-5192,mrna_for_kiaa0227_gene_partial_cds_

- hg2743-ht3926_s_at_hg2743-ht3926_caldesmon_1_altsplice_6_non-muscle
hg4178-ht4448_at_hg4178-ht4448_af-17_
j03060exon#11_168-666,glucocerebrosidase (gcb)_gene
j03077_2159-2692,co-beta glucosidase (proactivator)_mrna_complete_cds_
5 112168_2032-2476,adenylyl cyclase-associated protein (cap)_mrna_complete_cds_
m15395_2621-2736,leukocyte adhesion protein (lfa-1/mac-1/p150,95_family)_beta_subunit_mrna_
m22898mrna_2042-2600,phosphoprotein p53_gene_
m33308_4519-5071,vinculin_mrna_complete_cds_
m63573_370-802,secreted cyclophilin-like protein (scylp)_mrna_complete_cds_
10 m80563_133-523,capl protein_mrna_complete_cds_
m94345_752-1160,macrophage capping protein_mrna_complete_cds_
s81439_2658-
3186_egr_alpha=early growth response gene alpha [human, prostate, mrna, 3228 nt]
all_u02020_1985-2352,pre-b cell enhancing factor (pbef)_mrna_complete_cds_
15 u22055_2879-3455,100 kda coactivator_mrna_complete_cds_
u25165_1579-2083,fragile x mental retardation proteinhomolog fxr1_mrna_complete_cds_
u56637_1987-2323,capping protein alpha subunit isoformmrna_complete_cds_
u57721_1126-1588,l-kynurenine hydrolase_mrna_complete_cds_
all_u90546_1365,tyrophilin (btf4)_mrna_complete_cds,tyrophilin (btf4)_mrna_complete_cds
20 _
x12447mrna#13_1-241:not_in_gb_record,aldolase_a_gene (ec_4.1.2.13)
x62320cds_1527-1755:in_reversesequence_1825-2095,mrna_for_epithelinand_2
all_x74262_1725-2278,rbap48_mrna_encoding_retinoblastoma_binding_protein_
all_x76105_1661-2208,dap-1_mrna
25 all_y00281_1856-2319,mrna_for_ribophorin_i_

Metagene 142

d43772_1616-2168,squamous_cell_carcinoma_of_esophagus_mrna_for_grb-
30 7_sh2_domain_protein_complete_cd
d50920_2969-3419,mrna_for_kiaa0130_gene_complete_cds
l09229_2642-3099,long-chain_acyl-coenzyme_a_synthetase (fac11)_mrna_complete_cds
l11370_3486-4038,protocadherin_42_mrna_complete_cds_for_abbreviated_pc42
all_m12036_1553-1732,tyrosine_kinase-type_receptor (her2)_gene_partial_cds
35 m24899_1750-2284,triiodothyronine (ear7)_mrna_complete_cds
m80783_3001-3451,b12_protein_mrna_complete_cds
u47634_1341-1623,beta-tubulin_iii_isotype (beta-3)_mrna_complete_cds
u90914_1369-1795,clone_23587_mrna_sequence_
all_x03363_3873-4408,c-erb-b-2_mrna

x63527cds_99-549:in_reversesequence,_637-655,mrna_for_ribosomal_protein_119_

all_x65233_1966-2429,mrna_for_zinc-finger_protein_(znfpt17)

all_x80198_1398-1939,mln64_mrna

all_x80199_3718-4223,mln51_mrna

5 all_x80692_3409-3878,erk3_mrna_

y09836_999-1335,mrna_for_3'_utr_of_unknown_protein_

z38026cds_63-483:in_reversesequence,_536-542,mrna_for_fall-39_peptide_antibiotic

Metagene 450

10

hg3548-ht3749_at_hg3548-ht3749_ccaat_displacement_protein_cut_homolog_altsplice_1

l27559utr#1_111-166,insulin-like_growth_factor_binding_protein(igfbp5)_gene_

m62782_392-958,insulin-like_growth_factor_binding_protein(igfbp-5)_mrna_complete_cds_

u51336_2520-3024,inositol_1,3,4-trisphosphate_5/6-kinase_mrna_complete_cds

15 x16665cds_871-1039:in_reversesequence,_1135-1369,hox2h_mrna_from_the_hox2_locus_

all_z48605_61-326,partial_mrna_for_pyrophosphatase/gb=z48605_/ntype=rna

Metagene 251

20 j02874_63-573,adipocyte_lipid-binding_protein_complete_cds

m15465_1955-2384,pyruvate_kinase_type_1_mrna_complete_cds_

u25128_2100-2598,pth2_parathyroid_hormone_receptor_mrna_complete_cds

u66616_3427-3979,swi/snf_complex_170_kda_subunit_(baf170)_mrna_complete_cds_

x82539mrna_1313-1823,mrna_for_mage-xp

25 y08417_1043-1558,mrna_for_nicotinic_acetylcholine_receptor_beta3_subunit_precursor_

all_z11850_55-416,mrna_for_somatotropin_receptor_5'_upstream_region/gb=z11850_/ntype=rna_

Metagene 9

30 hg371-ht26388_at_hg371-ht26388_mucin_1_epithelial_altsplice_9

j05582mrna_3910-4100,pancreatic_mucin_mrna_complete_cds_

l24893cds_218-679,myelin_protein_zero_(po)_gene

all_m30838_4028-4631,pulmonary_surfactant_apoprotein_(psap)_gene_complete_cds_

z48633mrna_1624-2020,mrna_for_retrotransposon

35

Metagene 401

d42055_5178-5718,mrna_for_kiaa0093_gene_partial_cds_

hg3740-ht4010_at_hg3740-ht4010_basic_transcription_factor_2_34_kda_subunit

- 115702_1778-2279,complement_factor_b_mrna,_complete_cds
 l34673mrna_2853-3381,atpase,_dna-binding_protein_(hip116)_mrna,_3'_end_
 m11717mrna_2135-2393,heat_shock_protein_(hsp_70)_gene,_complete_cds_
 m93056_859-1273,monocyte/neutrophil_elastase_inhibitor_mrna_sequence
5 u00957_1638-2136,clone_kdb1.2_(cac)n/(gtg)n_repeat-containing_mrna_
 u09759_1308-1830,protein_kinase_(jnk2)_mrna,_complete_cds
 u48736_1195-1693,serine/threonine-protein_kinase_prp4h_(prp4h)_mrna,_complete_cds
 v00533mma_391-915,_ifna_gene_(interferon_alpha-
 h2)_extracted_fromgene_for_leukocyte_(alpha)_interfe
10 x99920cds_6-198:in_reversesequence,_31-403,mrna_for_s100_calcium-binding_protein_a13

Metagene 39

- d26579_2683-3205,mrna_for_transmembrane_protein,_complete_cds
15 hg2663-ht2759_at_hg2663-ht2759_homeotic_protein_emx2_
 l06797_1041-1599,(clone_15)_orphan_g_protein-coupled_receptor_mrna,_complete_cds_
 l08177_1042-1606,ebv_induced_g-protein_coupled_receptor_(ebi2)_mrna,_complete_cds
 m30773_1983-2499,calcineurin_b_mrna,_complete_cds
 u20758mrna_885-1437,osteopontin_gene,_complete_cds
20 all_x17042_689-1158,mrna_for_hematopoietic_proteoglycan_core_protein

Metagene 274

- af015910_41-433,unknown_protein_mrna,_partial_cds/gb=af015910_/ntype=rna
25 l13800mrna_4-397,liver_expressed_protein_gene,_3'_end/gb=l13800_/ntype=rna
 l14269_1369-1729,synaptic_vesicle_amine_transporter_(svat)_mrna,_complete_cds_
 m74447mrna_2012-2510,psf-2_mrna,_complete_cds
 u10693exon#2_1196-1553,mage-8_antigen_(mage8)_gene,_complete_cds_
 u11821_363-907,fas_ligand_(fasl)_mrna,_complete_cds
30 x51985cds_1083-1479:in_reversesequence,_1787-1829,lag-3_mrna_for_cd4-
 related_protein_involved_in_lym
 x63454cds_327-567:in_reversesequence,_659-719,hst-2_(fgf-6)_mrna
 y08564cds_1238-1688,galnac-t4_gene/gb=y08564_/ntype=dna_/annot=cds_

35 Metagene 469

- ab002380_5644-6142,mrna_for_kiaa0382_gene,_partial_cds/gb=ab002380_/ntype=rna
 ab003103_2965-3463,mrna_for_proteasome_subunit_p55,_complete_cds_

- af007875_501-
 1029,dolichol_monophosphate_mannose_synthase_(dpm1)_mrna,_partial_cds/gb=af007875/_ntyp
 all_d00596_15645-16192,thymidylate_syntase_(ec_2.1.1.45)_gene,_complete_cds
 d10522_2000-2546,mrna_for_80k-l_protein,_complete_cds
5. d11094_973-1345,mrna_for_mss1,_complete_cds
 d13627_1310-1778,mrna_for_kiaa0002_gene,_complete_cds
 d13641_2748-3216,mrna_for_kiaa0016_gene,_complete_cds
 d26069_5879-6455,mrna_for_kiaa0041_gene,_partial_cds_
 d43951_4874-5264,mrna_for_kiaa0099_gene,_complete_cds
- 10 d49493exon#3_403-811,gene_forbone_morphogenetic_protein-3b
 d49738_456-990,cytoskeleton_associated_protein_(cg22)_mrna,_complete_cds_
 d78132_373-907,mrna_for_ras_homologue_enriched_in_brain_(rheb)_gene,_ras-
 related_gtp_binding_protein
 d86956_3139-3589,mrna_for_kiaa0201_gene,_complete_cds
- 15 d87127_2088-2448,mrna_for_translocation_protein-1,_complete_cds
 d87684_3222-3696,mrna_for_kiaa0242_gene,_partial_cds_
 j03473mrna_3212-3752,poly(adp-ribose)_synthetase_mrna,_complete_cds
 l40357mrna_7-463,thyroid_receptor_interactor_(trip7)_mrna,_3'_end_of_cds
 l41887mrna#1_1773-2277,splicing_factor_arginine/serine-rich(sfrs7)_gene,_complete_cds
- 20 l43631_2189-2753,scaffold_attachment_factor_(saf-b)_gene,_partial_cds_
 m11353_707-1226,h3.3_histone_c_mrna,_complete_cds
 m14764mrna_2785-3337,nerve_growth_factor_receptor_mrna,_complete_cds_
 m93425_2577-3111,protein_tyrosine_phosphatase_(ptp-pest)_mrna,_complete_cds
 u14575_1842-2328,(ard-1)_mrna,_complete_cds
- 25 u28042_2726-3104,dead_box_rna_helicase-like_protein_mrna,_complete_cds_
 u31814_1366-1876,transcriptional_regulator_homolog_rpd3_mrna,_complete_cds_
 u34252_2177-2579,gamma-aminobutyraldehyde_dehydrogenase_mrna,_complete_cds_
 u37547_2931-3477,iap_homolog_b_(mihb)_mrna,_complete_cds_
 u41815_3037-3559,nucleoporin_98_(nup98)_mrna,_complete_cds_
 u49844_7699-8095,frap-related_protein_(frp1)_mrna,_complete_cds
- 30 u50534_10101-10671,brca2_region,_mrna_sequence_cg003_
 u59863_1541-2039,traf-interacting_protein_i-traf_mrna,_complete_cds
 u61234_986-1490,tubulin-folding_cofactor_c_mrna,_complete_cds
 u73737mrna_4359-4785,hmsh6_gene,_5'_utr_and
- 35 u78575_3124-3634,68_kda_type_i_phosphatidylinositol-4-phosphate_5-
 kinase_alpha_mrna_clone_pip5kia1,
 u79291_756-1287,clone_23721_mrna_sequence
 all_x65488_2664-3169,u21.1_mrna

y14140exon_13-

185,g_protein_gene_encoding_betasubunit_exonand_promoter/gb=y14140_/ntype=dna_/annot=e
all_z29066_1451-2035,nek2_mrna_for_protein_kinase

5 Metagene 244

all_m55419_2275-2470,amelogenin_(amely)_gene_3'_end_of_cds
s41458_3026-3200,_rod_cgmp_phosphodiesterase_beta-subunit_[human,_mrna,_3231_nt]
u11036_121-553,ibd1_mrna_partial_cds/gb=u11036_/ntype=rna_

10 all_z37987_2052-2198,mrna_for_mxr7_

Metagene 233

- 15 m24283mrna_2420-2954,major_group_rhinovirus_receptor_(hrv)_mrna_complete_cds
s62027_21-320,_transducin_gamma_subunit_[human,_mrna,_408_nt]
u37546_2477-3012,iap_homolog_c_(mihc)_mrna_complete_cds_
u46569mrna_1025-1241:in_reversesequence,_300-498,aquaporin-5_(aqp5)_gene

Metagene 8

- 20 all_d00003_1681-1721,liver_cytochrome_p-450_mrna_complete_cds,liver_cytochrome_p-
450_mrna_complete
d17408_906-1481,mrna_for_calponin_complete_cds
d49490_1092-1644,mrna_for_protein_disulfide_isomerase-related_protein_(pdir)_complete_cds_
25 d64053_3337-3467,mrna_for_protein-tyrosine_phosphatase_
d70830_1610-2018,mrna_for_doc2_beta_complete_cds
hg174-ht174_at_hg174-ht174_desmoplakin_i_
hg2147-ht2217_at_hg2147-ht2217_mucin_3_intestinal_
hg3502-ht3696_at_hg3502-ht3696_homeotic_protein_hox5.4_
30 hg363-ht363_at_hg363-ht363_epidermal_growth_factor_receptor-related_protein
hg37-ht37_at_hg37-ht37_iron-responsive_element-binding_protein_
j05158mrna_2315-2825,carboxypeptidase_n_mrna_3'_end_
all_j05412_3866-4062:in_j05412cds_411-439,regenerating_protein_(reg)_gene_complete_cds_
k03207mrna_286-748:in_reversesequence,_772-848,prb4_locus_salivary_proline-
35 rich_protein_mrna_comple
l02648_1312-1852,(clone_v6)_transcobalamin_ii_(tcn2)_mrna_complete_cds_
l10377_879-1441,(clone_ctg-b37)_mrna_sequence
l13266_4056-4630,n-methyl-d-aspartate_receptor_(nr1-1)_mrna_complete_cds_
l16464_440-752,ets_oncogene_(pep1)_mrna_complete_cds

- l28175_1375-1933,prostaglandin_e2_receptor_ep2_subtype_mrna,_complete_cds_
l31584exon_1488-1986,g_protein-coupled_receptor_(ebi_1)_gene_
m19878cds_3-
125:in_reversesequence,_1964,calbindin_27_gene,_exonsand_2,_and_alu_repeat/gb=m19878_/nt
- 5 m23197_848-1388,differentiation_antigen_(cd33)_mrna,_complete_cds
m26657_1861-2430,testicular_angiotensin_converting_enzyme_mrna,_complete_cds_
m27318_365-878,interferon_(ifn-alpha-m1)_mrna,_complete_cds
all_m28439_261-360,keratin_typegene
m30625_1154-1554,dopamine_d2_receptor,_mrna,_complete_cds
- 10 m35531_2832-3318,gdp-l-fucose:beta-d-galactoside_2-alpha-l-
fucosyltransferase_mrna,_complete_cds_
m55621_2074-2452,n-acetylglucosaminyltransferase_i_(glcnac-ti)_mrna,_complete_cds
m58600mrna_1634-2168,heparin_cofactor_ii_(hcf2)_gene,_exonsthrough_5_
all_m60331_669-1094:in_m60331cds_116,protaminegene,_complete_cds_
15 m62783_3069-3453,alpha-n-acetylgalactosaminidase_mrna,_complete_cds
m64930_2982-3366,protein_phosphatase_2a_beta_subunit_mrna,_complete_cds
m68907_2-187,tachykinin-a_(gamma-ppt-a)_gene,_partial_cds/gb=m68907_/ntype=rna_
m83181cds_918-1206:in_reversesequence,_1639-1867,serotonin_receptor_gene,_complete_cds_
s78723mrna#1_565-991,_5-ht2ar=serotonin_5-
20 ht2a_receptor_{promoter}_{human,_genomic,_1678_nt}
s80905_f_at_s80905_s80905,_4040_in_s80905cds_17-
1067,_prb2_(prb2l_con1+)=con1_{exon_3}_{human,_perip
s82075_115-283,_pa4=candidate_oncogene_{3'_region}_{human,_hen-16,_hen-
16t_transformed_endocervical_
25 s83308_920-1400,_sox5=sry-
related_hmg_box_gene_{alternatively_spliced}_{human,_testis,_mrna,_1473_nt
u02566_2456-2990,receptor_tyrosine_kinase_tif_mrna,_partial_cds
u09117_2164-2536,phospholipase_c_deltamrna,_complete_cds
u10099_938-1435,pom-zp3_mrna,_complete_cds_
30 u11791_662-1160,cyclin_h_mrna,_complete_cds
u25041_at_u25041_u25041,not_in_gb_record,5c5_mrna,_putative_complete_cds
u27699_2929-3349,pephbgt-1_betaine-gaba_transporter_mrna,_complete_cds_
u31216_3168-3641,metabotropic_glutamate_receptorbeta_(mglur1beta)_mrna,_complete_cds
all_u33447_1311-1888,putative_g-protein-coupled_receptor_(gpr17)_gene,_complete_cds
35 u40279cds_70-574,beta-2_integrin_alphad_subunit_(itgad)_gene,_exons_25-
30,_and_partial_cds/gb=u40279
u46752_1476-1872,phosphotyrosine_independent_ligand_p62b_b-
cell_isoform_for_the_lck_sh2_domain_mrna,

- u47334_7-307,gamma_aminobutyric_acid_receptor_beta4_subunit-
like_mrna,_partial_cds/gb=u47334_/ntype=
u57650_4714-5224,sh2-containing_inositol_5-phosphatase_(hship)_mrna,_complete_cds
u77975_1042-1420,hepatocyte_nuclear_factor(hnf-6)_mrna,_partial_cds_
- 5 u79725_2240-2744,a33_antigen_precursor_mrna,_complete_cds
all_x02958_1064-1245,interferon_alpha_gene_ifn-alpha_6_
all_x13444_852-1357,mrna_for_cd8_beta-chain_glycoprotein_(cd8_beta.1)
x56687cds_1698-2154:in_reversesequence,_2348,mrna_for_autoantigen_nor-90
x57110mrna_2510-2998,mrna_for_c-cbl_proto-oncogene.
- 10 all_x60299_3486-4065,kalig-1_mrna_for_neural_cell_adhesion_and_axonal_path-
finding_molecule_homologu
x70083mrna_166-460,abp-280-like_mrna_for_filamin_(695_bps)/gb=x70083_/ntype=rna
x76132mrna_4097-4583,dcc_mrna
x79510cds_3165-3459:in_reversesequence,_3839-3971,mrna_for_protein-tyrosine-phosphatase_d1
- 15 all_x80026_1785-2363,b-cam_mrna
all_x81882_2153-2682,mrna_for_for_vasopressin_activated_calcium_mobilizing_receptor-
like_protein_
x82324cds_866-1055:in_reversesequence,_1096-1450,brainmrna_
x82877cds_1533-1809:in_reversesequence,_3974-4118,na+-d-glucose_cotransport_regulator_gene
- 20 x86371cds_2629-3129,mrna_for_tumour_suppressor_protein,_hugl_
x91348mrna_893-1211,predicted_non_coding_cdna_(dgcr5)
y10936_637-1027,mrna_for_hypothetical_protein_downstream_of_dmpk_and_dmahp_
y13153_1404-1950,mrna_for_kynurenine_3-monooxygenase/gb=y13153_/ntype=rna_
all_z80787_563-700,h4/j_gene.
- 25 Metagene 348
- ab005535_1056-1635,mrna_for_clock,_partial_cds/gb=ab005535_/ntype=rna_
ad000684cds#1_934-1252:in_reversesequence,_16809-17037,_lisch7_gene_(liver-specific_bhlh-
zip_transcr
- 30 d26068_2056-2398,mrna_for_kiaa0038_gene,_partial_cds_
d26362_2475-2985,mrna_for_kiaa0043_gene,_complete_cds
d26561cds#4_3-
237:in_reversesequence,_4010:not_in_gb_record,_orf_for_l1_protein_gene_extracted_fromp
- 35 d29013_664-1234,mrna_for_dna_polymerase_beta,_complete_cds_
d31886_3076-3592,mrna_for_kiaa0066_gene,_partial_cds_
d38293_2926-3400,mrna_for_clathrin-like_protein,_complete_cds
d44466_2575-3115,mrna_for_proteasome_subunit_p112,_complete_cds
d50525mrna_3316-3886,mrna_for_ti-227h/gb=d50525_/ntype=rna_

- d63486_5877-6267,mrna_for_kiaa0152_gene,_complete_cds
d63881_3840-4278,mrna_for_kiaa0160_gene,_partial_cds_
d64154_786-1254,mrna_for_mr_110,000_antigen,_complete_cds
d78156cds_888-1140:in_reversesequence,_2058-
- 5** 2292,mrna_for_rasgtpase_activating_protein,_partial_cds_
d80002_4430-4938,mrna_for_kiaa0180_gene,_partial_cds_
d82348_1479-1947,mrna_for_5-aminoimidazole-4-carboxamide-1-beta-d-
ribonucleoti_de_transformylase/ino
d85758_214-748,mrna_forprotein_homologous_to_droer_protein,_complete_cds
- 10** d86979_5308-5842,mrna_for_kiaa0226_gene,_complete_cds
d90084exon#10-8_36-41,pyruvate_dehydrogenase_(ec_1.2.4.1)_alpha_subunit_gene,_exons_11-jan_
hg110-ht110_s_at_hg110-ht110_heterogeneous_nuclear_ribonucleoprotein_a/b_
hg1869-ht1904_at_hg1869-ht1904_male_enhanced_antigen_
hg2274-ht2370_at_hg2274-ht2370_rna_polymerase_ii,_14.5_kda_subunit_
15 hg662-ht662_at_hg662-ht662_epstein-barr_virus_small_rna-associated_protein_
j04611_1533-2061,lupus_p70_(ku)_autoantigen_protein_mrna,_complete_cds_
k03515mrna_1392-1938,neuroleukin_mrna,_complete_cds
102426_1040-1556,26s_protease_(s4)_regulatory_subunit_mrna,_complete_cds_
116896_1717-2257,zinc_finger_protein_mrna,_complete_cds
- 20** 120773_1025-1517,mrna_in_the_region_near_the_btk_gene_involved_in_a-gamma-globulinemia
125851_3332-3812,integrin_alpha_e_mrna,_complete_cds
137127mrna_73-553,(clone_mf.18)_rna_polymerase_ii_mrna,_complete_cds
m24398mrna_522-970,parathymosin_mrna,_complete_cds_
m25077mrna_1310-1712:in_reversesequence,_1760-1826,ss-
- 25** a/ro_ribonucleoprotein_autoantigen_60_kd_subun
m58028mrna_2999-3401,ubiquitin-activating_enzyme_e1_(ubel)_mrna,_complete_cds
m84332exon#4_764-1226:in_reversesequence,_2337-2397,adp-ribosylation_factorgene
u12465_19-367,ribosomal_protein_l35_mrna,_complete_cds_
u21090_1109-1541,dna_polymerase_delta_small_subunit_mrna,_complete_cds_
30 u56418_785-1313,lysophosphatidic_acid_acyltransferase-beta_mrna,_complete_cds
u79716_11015-11537,reelin_(reln)_mrna,_complete_cds
u81554_431-839,cam_kinase_ii_isoform_mrna,_complete_cds/gb=u81554_/ntype=rna_
u86602_772-1240,nucleolar_protein_p40_mrna,_complete_cds_
u90426_959-1439,nuclear_rna_helicase,_complete_cds_
35 u90915_122-674,clone_23600_cytochrome_c_oxidase_subunit_iv_mrna,_complete_cds
all_x14346_1969-2534,mrna_for_eosinophil_peroxidase
x52851mrna_152-
692,_peptidylprolyl_isomerase_gene_extracted_fromcyclophilin_gene_for_cyclophilin_(ec
x58401mrna_356-900,12-9_transcript_of_unrearranged_immunoglobulin_v(h)5_pseudogene.

- x59543mrna_2500-3016,mrna_for_m1_subunit_of_ribonucleotide_reductase_
 all_x60486_394-737,h4/g_gene_for_h4_histone
 all_x69141_1444-1997,mrna_for_squalene_synthase
 z21507cds_424-802:in_reversesequence,_901-955,ef-1delta_gene_encodingelongation_factor-1-
5 delta_
 Metagene 220
- d13631_2795-3373,mrna_for_kiaa0006_gene,_complete_cds
10 d16581_42-552,mrna_for_8-oxo-dgtpase,_complete_cds_
 d30755_1189-1633,mrna_for_kiaa0113_gene,_partial_cds_
 d38048_391-919,mrna_for_proteasome_subunit_z,_complete_cds_
 d49818_1445-1919,mrna_for_fructose_6-phosphate,2-kinase/fructose_2,6-
 bisphosphatase,_partial_cds_
15 d63487_2889-3369,mrna_for_kiaa0153_gene,_partial_cds_
 hg3989-ht4259_at_hg3989-ht4259_cpg-enriched_dna_clone_e14_
 j04948mrna_1898-2432,alkaline_phosphatase_(alp-1)_mrna,_complete_cds_
 i16862_2289-2763,g_protein-coupled_receptor_kinase_(grk6)_mrna,_complete_cds_
 i19605_1483-1915,56k_autoantigen_annexin_xi_gene_mrna,_complete_cds_
20 i33801_860-1334,protein_kinase_mrna,_complete_cds_
 i38593mrna#1_2-200,integral_membrane_protein_(nramp1)_gene_exon_5
 i42243exon#2_2604-3066,_ifnar2_gene_(interferon_receptor)_extracted_from(clone_q-
 2od3)_interferon_re
 m15796_660-1152,cyclin_protein_gene,_complete_cds
25 m25897mrna_40-359,platelet_factor(pf4)_mrna,_complete_cds_
 m28211_176-650,gtp-binding_protein_(rab4)_mrna,_complete_cds_
 all_m32639_3894-4064,salivary_statherin_gene,_5'_flank_
 m55671mrna_968-1448,protein_z_(plus_66_bp_insertion)_mrna,_complete_cds_
 m63589mrna#1_4159-4573,stem_cell_leukemia_gene_product_
30 s66431_5869-6361,_rbp2=retinoblastoma_binding_protein[human,_nalm-6_pre-
 b_cell_leukemia,_mrna,_6455_
 s74221_317-
 695,_ik=ik_factor_[human,_leukemic_cells_k562,_chronic_myeloid_leukemia_patient,_mrna,_75
 u03634_1244-1652,p47_lbc_oncogene_mrna,_complete_cds_
35 u05255_159-261,glycophorin_hep2_mrna,_partial_cds,glycophorin_hep2_mrna,_partial_cds_
 u20499exon#10_185-431,thermolabile_phenol_sulfotransferase_(stm)_gene,_complete_cds_
 u27325_712-1266,thromboxane_a2_receptor_mrna,_complete_cds_
 u32315_1374-1842,syntaxinmrna,_complete_cds_
 u43203_1561-2060,thyroid_transcription_factor(ttf-1)_mrna,_complete_cds_

- u43753exon_9-237:not_in_gb_record,frataxin_(frda)_gene_promoter_region_and
u56085_2568-3048,periodic_ tryptophan_protein(pwp2)_mrna,_complete_cds_
u79299_988-1462,neuronal_olfactomedin-related_er_localized_protein_mrna,_partial_cds.
u82306_135-225,unknown_protein_mrna,_partial_cds/gb=u82306_/ntype=rna
- 5** u86782_591-1077,26s_proteasome-
associated_pad1_homolog_(poh1)_mrna,_complete_cds/gb=u86782_/ntype=rn
u88871_910-1312,hspex7p_(hspex7)_mrna,_complete_cds
u89606_521-917,pyridoxal_kinase_mrna,_complete_cds.
u96094_193-667,sarcolipin_(sln)_mrna,_complete_cds.
- 10** x56253mrna_1914-2274,mpr46_gene_for_46kd_mannose_6-phosphate_receptor_
x61587mrna_701-1259,rhog_mrna_for_gtpase_
all_x78549_1912-2186,brk_mrna_for_tyrosine_kinase
x95384_435-807,mrna_for_unknown_14kda_protein
x99720mrna_1458-1944,tprc_gene
- 15** z18948exon#3_69-465,mrna_for_s100e_calcium_binding_protein_
z48804mrna_1006-1528,mrna_(ocular_albinism_typerelated)_
- Metagene 147
- 20** all_ac000061_18132-57268:in_ac000061cds#1_720-
760,_wugsc:h_133k23.1c_gene_extracted_frombac_clone_13
ac000062_110059-110206:in_all_ac000062_109961-109993,pac_clone_2g3a_from_13q12-13q13
d50640exon_700-1132,dna_for_phosphodiesterase_3b_
- 25** Metagene 412
- d87462_3013-3403,mrna_for_kiaa0272_gene,_partial_cds_
d89858_671-1157,mrna_for_d-aspartate_oxidase,_complete_cds_
m10050mrna_25-424,liver_fatty_acid_binding_protein_(fabp)_mrna,_complete_cds_
30 u63717_402-852,osteoclast_stimulating_factor_mrna,_complete_cds
- Metagene 128
- d31765_3735-4191,mrna_for_kiaa0061_gene,_partial_cds_
35 d84239_15949-16339,mrna_for_igg_fc_binding_protein,_complete_cds_
hg36-ht4101_s_at_hg36-ht4101_polymyositis/scleroderma_(pm-scl)_autoantigen,_altsplice_2
l10665mrna_1623-2049,gtp-binding_protein_superfamily,_g_protein_alpha-
olf_subunit_(olfactory)_mrna,_
l13203_1536-2064,hnf-3/fork-head_homolog-3_hfh-3_mrna,_complete_cds

- l34075_7342-7912,fbp-1-associated_protein_(fbp)_mrna,_complete_cds_
 all_m10942_421-1762,metallothionein-ie_gene_(hmt-ie)_
 m21389mrna_1754-2192,keratin_type_ii_(58_kd)_mrna,_complete_cds
 m21812_61-592,(clone_pwhlc2-24)_myosin_light_chainmrna,_complete_cds
5 m57399_434-998,nerve_growth_factor_(hbnf-1)_mrna,_complete_cds_
 m96803_6960-7482,general_beta-spectrin_(sptbn1)_mrna,_complete_cds_
 u06863_1416-1938,follistatin-related_protein_precursor_mrna,_complete_cds_
 u08815_2346-2676,splicesomal_protein_(sap_61)_mrna,_complete_cds_

10 Metagene 460

 m62994_1478-1964,thyroid_autoantigen_(truncated_actin-binding_protein)_mrna,_complete_cds_
 u00968_3595-4069,srebp-1_mrna,_complete_cds
 u53468_862-1390,nadh:ubiquinone_oxidoreductase_subunit_b13_(b13)_mrna,_complete_cds
15 u79751_2171-2615,basic-leucine_zipper_nuclear_factor_(jem-
 1)_mrna,_complete_cds/gb=u79751/_ntype=rna
 x14885mrna_2506-2558,gene_for_transforming_growth_factor-beta(tgf-
 beta_3)_exon(and_joined_cds)

20 Metagene 179

 d42138_1371-1833,mrna_for_pig-b,_complete_cds
 d45132_5577-6099,kidney_mrna_for_zinc-finger_dna-binding_protein,_complete_cds_
 hg3914-ht4184_s_at_hg3914-ht4184_cell_division_cycle_protein_2-related_protein_kinase_(pisslre)
25 hg4144-ht4414_at_hg4144-ht4414_zinc_finger_protein_hzf6
 l10333mrna_2590-3166,neuroendocrine-specific_protein_a_(nsp)_mrna,_complete_cds_
 m31328mrna_1054-1480,guanine_nucleotide-binding_protein_beta-3_subunit_mrna,_complete_cds
 m96944_2724-3252,b-cell_specific_transcription_factor_(bsap)_mrna,_complete_cds
 u25138_676-1168,maxik_potassium_channel_beta_subunit_mrna,_complete_cds
30 u57629_2195-2735,retinitis_pigmentosa_gtpase_regulator_(rpgr)_mrna,_complete_cds_
 u68494_1290-1764,hbc647_mrna_sequence
 u80457_2243-2645,transcription_factor_sim2_short_form_mrna,_complete_cds_
 x59842mrna_2321-2861,pbx2_mrna
 all_y07759_5956-6377,mrna_for_myosin_heavy_chain_12
35 all_y08976_956-1548,mrna_for_fev_protein_
 z50115cds_1782-2011:in_reversesequence,_2181-
 2473,mrna_for_thimet_oligopeptidase_(metalloproteinase)

 Metagene 438

- ab000115_1469-1973,_complete_cds
d14664_3255-3639,mrna_for_kiaa0022_gene,_complete_cds
d26361_5991-6543,mrna_for_kiaa0042_gene,_complete_cds
- 5** l38951mrna_3611-4151,importin_beta_subunit_mrna,_complete_cds_
l40399mrna_993-1467,(clone_s240ii117/zap112)_mrna,_complete_cds_
m15353mrna_1277-1769,cap-binding_protein_mrna,_complete_cds_
m69043_985-1459,mad-3_mrna_encoding_ikb-like_activity,_complete_cds_
u05040_1814-2282,fuse_binding_protein_mrna,_complete_cds_
- 10** u08998_962-1280,tar_rna_binding_protein(trbp2)_mrna,_complete_cds_
u22431_3070-3644,hypoxia-inducible_factoralpha_(hif-1_alpha)_mrna,_complete_cds_
u41515_61-397,deleted_in_split_hand/split_foot(dss1)_mrna,_complete_cds_
u43522_3580-4072,cell_adhesion_kinase_beta_(cakbeta)_mrna,_complete_cds_
u44111mrna_1108-1642,histamine_n-methyltransferase_(hnmt)_gene_
- 15** u51166_2941-3361,g/t_mismatch-specific_thymine_dna_glycosylase_mrna,_complete_cds_
u70063_1750-2266,acid_ceramidase_mrna,_complete_cds_
all_x83228_3359-3561,mrna_for_li-cadherin
z79581exon_19-226,laz3/bcl6_gene,_first_non_coding_exon
- 20** Metagene 297
- l41690_906-1332,tnf_receptor-1_associated_protein_(tradd)_mrna,_3'_end_of_cds_
s78693_2-40,_alpha_creb-1=cyclic_amp_response_element-binding_protein-
1_alpha_isoform_{alternatively
- 25** x05153mrna_264-678,_alpha-lactalbumin_precursor_gene_extracted_fromalpha-lactalbumin_gene_
all_x06956_5299-5359,halpha44_gene_for_alpha-tubulin,_exons_3-jan
- Metagene 471
- 30** d21852_3671-4241,mrna_for_kiaa0029_gene,_partial_cds_
d25303_2993-3539,mrna_for_integrin_alpha_subunit,_complete_cds_
d25538_5613-6147,mrna_for_kiaa0037_gene,_complete_cds_
d28791exon_1763-2267,pig-a_gene,_5'_flanking_region_and
d30758_1965-2469,mrna_for_kiaa0050_gene,_complete_cds
- 35** d42041_3435-3771,mrna_for_kiaa0088_gene,_partial_cds_
d50911_3298-3718,mrna_for_kiaa0121_gene,_complete_cds_
d63506_1940-2435,mrna_for_unc-18homologue,_complete_cds_
d79983_5024-5498,mrna_for_kiaa0161_gene,_complete_cds_
d80003_6029-6395,mrna_for_kiaa0181_gene,_partial_cds_

- d83032_6016-6364,mrna_for_nuclear_protein_np220_complete_cds_
d83777_4475-5003,mrna_for_kiaa0193_gene_complete_cds
d86962_5028-5328,mrna_for_kiaa0207_gene_complete_cds
d86969_4436-4886,mrna_for_kiaa0215_gene_complete_cds
5 j03161mrna_3636-4122,serum_response_factor(srf)_mrna_complete_cds
j03779mrna_4985-
5459,common_acute_lymphoblastic_leukemia_antigen(calla)_mrna_complete_cds
119067_2335-2419,nf-kappa-b_transcription_factor_p65_subunit_mrna_complete_cds
129218mrna_1408-1894,clk2_mrna_complete_cds
10 135035mrna_629-1079,ribose_5-phosphate_isomerase(rpi)_mrna_
135240cds_1065-1323:in_reversesequence_1431-1533,enigma_gene_complete_cds_
all_m16505_6015-6520,steroid_sulfatase(sts)_mrna_complete_cds
m23161_3287-3791,transposon-like_element_mrna
m29550_2005-2317,calcineurin_a1_mrna_complete_cds_
15 m33552mrna_1042-1546,lymphocyte-specific_protein(lsp1)_mrna_complete_cds_
m34057_4720-5044,transforming_growth_factor-betabinding_protein_mrna_complete_cds
m87770_3759-4125,fibroblast_growth_factor_receptor(k-sam)_mrna_complete_cds
u02031_3660-4182,sterol_regulatory_element_binding_protein-2_mrna_complete_cds
u16660_685-1153,peroxisomal_enoyl-coa_hydratase-like_protein(hpxel)_mrna_complete_cds
20 u35376_2006-2254,represor_transcriptional_factor(znf85)_mrna_complete_cds_
u58048_1891-2431,metallopeptidase_prsm1_mrna_complete_cds_
u73524_1866-2304,putative_atp/gtp-binding_protein(heab)_mrna_complete_cds
u78556_2774-
3248,cisplatin_resistance_associated_alpha_protein(hcra_alpha)_mrna_complete_cds_
25 all_x16396_1543-2102,mrna_for_nad-
dependent_methylene_tetrahydrofolate_dehydrogenase_cyclohydrolase_
all_x77744_1467-1750,fl1_mrna
x90780mrna_255-765,cardiac_troponin_i_gene_exonsto_5
all_z48481_2878-3347,mrna_for_membrane-type_matrix_metalloproteinase_1_
30
Metagene 439

d13645_1517-2027,mrna_for_kiaa0020_gene_complete_cds
v00542mrna_375-902,_messenger_rna_forleukocyte(alpha)_interferon
35 all_x62822_2104-2645,gene_encoding_beta-galactoside_alpha-2,6-sialyltransferase

Metagene 256

hg210-ht210_s_at_hg210-ht210_galactokinase

- j02923_2574-3132,65-kilodalton_phosphoprotein_(p65)_mrna,_complete_cds_
 i04270_1613-
 2111,(clone_cd18)_tumor_necrosis_factor_receptorrelated_protein_mrna,_complete_cds_
 i06633_1153-1669,transcription_factor_mrna,_complete_cds_
5 m14219_1375-
 1753,chondroitin/dermatan_sulfate_proteoglycan_(pg40)_core_protein_mrna,_complete_cds
 m21624mrna_603-1149,t-cell_receptor_delta_chain_mrna_(vjc-region),_complete_cds
 m76766_679-1129,transcription_factor_(tfiib)_mrna,_complete_cds
 u88964_130-568,hem45_mrna,_complete_cds
- 10** Metagene 235
- hg67-ht67_f_at_hg67-ht67_zinc_finger_protein_
 m18728mrna_1932-2460,nonspecific_crossreacting_antigen_mrna,_complete_cds
15 m29540_2616-2949,carcinoembryonic_antigen_mrna_(cea),_complete_cds_
 m36803exon_142-352:not_in_gb_record,hemopexin_gene
 m55284_1800-2364,protein_kinase_c-l_(prkcl)_mrna,_complete_cds_
 u13913_3871-4120,large-conductance_calcium-
 activated_potassium_channel_(hslo)_mrna,_complete_cds_
20 u34879mrna_1628-2073,17-beta-hydroxysteroid_dehydrogenase_(edh17b2)_gene,_complete_cds
 u69140_297-846,zygini_i_mrna,_partial_cds_
 Metagene 375
- 25** m37981_1751-1829,alpha-
 3_neuronal_nicotinic_acetylcholine_receptor_subunit_mrna,_complete_cds
 m74290_1261-1741,substance_p_receptor_protein_mrna_
 m76729_6573-7077,pro-alpha-1_(v)_collagen_mrna,_complete_cds_
 s46622_1569-2055,_calcineurin_a_catalytic_subunit_[human,_testis,_mrna,_2134_nt]
30 u10473_333-895,clone_p4betagt/3_beta-1,4-
 galactosyltransferase_mrna,_partial_cds/gb=u10473_/ntype=m
 u16720mrna_959-1508,interleukin(il10)_gene,_complete_cds
 u28015_1201-1351,cysteine_protease_(icerel-iii)_mrna,_complete_cds_
 u80184mrna_3661-4093,flii_gene,_complete_cds_
35 u89336exon#46-49_2-
 143:in_fullsequence_26932:,_unknown_gene_extracted_fromhla_iii_region_containing
 x52221mrna_1674-2244,ercc2_gene,_exons&(partial)_
 x69090_4322-4880,mrna_for_skeletal_muscle_190kd_protein
 x76302exon#3_386-923,ry-1_mrna_for_putative_nucleic_acid_binding_protein_

x91141mrna_2412-2904,mrna_for_rabaptin-5_protein_
all_x91249_2428-2855,mrna_for_white_gene_protein_

Metagene 107

5

d00591exon#14_597-1041,rcc1_gene_complete_cds_
d28114_780-1278,mrna_for_mobp(myelin-
associated_oligodendrocytic_basic_protein),_complete_cds,_clon
d50532_839-1283,mrna_for_macrophage_lectin_2,_complete_cds_
10 d56495_1102-1600,mrna_for_reg-related_sequence_derived_peptide-2_
l21993_1527-2013,adenylyl_cyclase_mrna,_3'_end_of_cds
m32313mrna_1537-2047,steroid_5-alpha-reductase_mrna,_complete_cds
all_z46788_1637-2082,mrna_for_cylicin_ii_

15 Metagene 209

all_d11139_1902-2407,gene_for_tissue_inhibitor_of_metalloproteinases,_partial_sequence_
d12775_3124-3662,mrna_for_erythrocyte-specific_AMP_deaminase,_complete_cds_
d88799_43-379,mrna_for_cadherin,_partial_cds/gb=d88799/_ntype=rna_

20 hg4263-ht4533_at_hg4263-ht4533_nkr-pla_protein_

m32598cds_2214-2448:in_reversesequence,_146-
368,muscle_glycogen_phosphorylase(pygm)_gene_
m80397_2847-3368,dna_polymerase_delta_catalytic_subunit_mrna,_complete_cds_
s42457_2418-2814,_cncg=rod_photoreceptor_cgmp-

25 gated_channel[human,_retina,_mrna,_2857_nt]

s81916_98-
146,_phosphoglycerate_kinase_{alternatively_spliced},[human,_phosphoglycerate_kinase_defic
u40371_2129-2591,3',_5'_cyclic_nucleotide_phosphodiesterase(hspdelc1a)_mrna,_complete_cds_
u41813_816-1290,i_homeoprotein(hoxa9)_mrna,_partial_cds_

30 u72514_405-837,c2f_mrna,_complete_cds

x62055cds_1413-1767:in_reversesequence,_2028-2232,ptp1c_mrna_for_protein-
tyrosine_phosphatase_1c_

Metagene 341

35

u17033_5092-5578,180_kda_transmembrane_pla2_receptor_mrna,_complete_cds
u77949_2079-2622,cdc6-related_protein(hscdc6)_mrna,_complete_cds

Metagene 82

- ab000460_4262-4724, clone_res4-22b, complete_cds
af007551_16-574, bet1p_homolog (hbet1) mRNA, complete_cds/gb=af007551_/ntype=rna_
d12763_882-1314, mRNA_for_st2_protein
- 5** d21337_5825-6353, mRNA_for_collagen_
d31797exon_752-1274, cd40_ligand (cd40l) gene, 5' flanking region and
d84276_909-1185:in_reversesequence, 1299-1305, mRNA_for_cd38, complete_cds_
d87024cds#5_85-283:in_reversesequence, 2475-
39492, (lambda) dna_for_immunoglobulin_light_chain_
- 10** d87119_3614-4160, cancellous_bone_osteoblast_mRNA_for_gs3955, complete_cds
l14542_664-982, lectin-like_type_ii_integral_membrane_protein (nkg2-e) mRNA, complete_cds_
l32140_1681-2227, afamin_mRNA, complete_cds_
l41870_4412-4814, retinoblastoma_susceptibility_protein (rb1) mRNA_and_mutations_
m27394cds_459-860:in_reversesequence, 1054-1101, b-lymphocyte_cell-
surface_antigen_b1 (cd20)_
- 15** m77698_1764-2310, gli-kruppel_related_protein (yy1) mRNA, complete_cds_
u03105_1538-1916, b4-2_protein_mRNA, complete_cds_
u41344mRNA_1478-1988, prolargin (prelp) gene, 5' flanking_sequence_and
u73499mRNA_29-200, hepatic_nuclear_factor_1-alpha (tcf-1-
alpha) gene, promoter_region_and_partial_cds
- 20** x51804cds_400-532:in_reversesequence, 820-1162, pmi_gene_for_a_putative_receptor_protein_
y10204mRNA_49-505, mRNA_for_cd77_protein/gb=y10204_/ntype=rna_

Metagene 440
- 25** d10925_1613-2123, mRNA_for_hm145
u29680_251-659, a1_protein_mRNA, complete_cds_
u45878_2591-2689, inhibitor_of_apoptosis_proteinmRNA, complete_cds_

Metagene 485
- 30** d87682_5800-6286, mRNA_for_kiaa0241_gene, partial_cds_
d87742_5513-5921, mRNA_for_kiaa0268_gene, partial_cds_
d89050_691-1219, mRNA_for_lectin-like_oxidized_ldl_receptor, complete_cds_

d20688_864-1188, gdp-dissociation_inhibitor_protein (ly-gdi) mRNA, complete_cds_
m31158_2670-3216, camp-dependent_protein_kinase_subunit_rii-beta_mRNA, complete_cds_
u63542_303-750, putative_fap_protein_mRNA, partial_cds_
u95740mRNA#2_1995-
2457_362g6.1_gene (unknown_protein_cit987sk_362g6_1) extracted_from_chromosome_16p
- 35**

all_x05409_1388-1965,ma_for_mitochondrial_aldehyde_dehydrogenase_i_aldh_i(ec_1.2.1.3)

Metagene 308

- 5** u14518_859-1315,centromere_protein-a_(cenp-a)_mrna,_complete_cds_
u31116_1448-2012,beta-sarcoglycan_a3b_mrna,_complete_cds_
all_u58675_25626-39844,_or17-
228_gene_extracted_fromolfactory_receptor_gene_cluster_on_chromosome_17
u64573exon_58-
- 10** 164,connexin43_gap_junction_protein_(connexin43)_gene,_exonand_promoter_region/gb=u645
all_x99142_1281-1702,mrna_for_hair_keratin,_hkb6_

Metagene 140

- 15** ab002365_5053-5617,mrna_for_kiaa0367_gene,_partial_cds/gb=ab002365_/ntype=rna
hg3729-ht3999_f_at_hg3729-ht3999_homeotic_protein_hpx-5
107077_3277-3661,enyol-coa: hydratase_3-hydroxyacyl-
coa_dehydrogenase_(ehhadh)_mrna,_complete_cds_wi
111353_1698-2202:in_reversesequence,_2208-2214,moesin-ezrin-radixin-
20 like_protein_mrna,_complete_cds_
all_112052_3408-3871,camp_phosphodiesterase_mrna,_3'_end_
127050_1166-1508,apolipoprotein_f_(apof)_mrna,_complete_cds
136847cds_1044-1578,(clone_p17/90)_rearranged_iduronate-2-
sulphatase_homologue_gene/gb=136847_/ntype
- 25** 176569mrna_6762-
7284,(clones_cyg3,_b5p6c4)_fragile_x_e_mental_retardation_syndrome_protein_(fmr2)_mr
m21535_2603-3101,_m17390erg_protein_(ets-related_gene)_mrna,_complete_cds
u28687_1710-1983,zinc_finger_containing_protein_znf157_(znf157)_mrna,_complete_cds_
u34380_rna1_s_at_u34380_u34380,not_in_gb_record,_tec_gene_extracted_fromprotein_tyrosine_ki
30 nase_tec_
z35309cds_3385-3727,mrna_for_adenylyl_cyclase
all_z79693_2421-3018,mrna_for_protein-tyrosine_phosphatase_nc-ptpcom1

Metagene 286

- 35** d14446_794-1166,hfrep-1_mrna_for_unknown_protein,_complete_cds_
d21262_3210-3663,mrna_for_kiaa0035_gene,_partial_cds_
d28383_4-
37,mrna_for_atp_synthase_b_chain,_5'_utr_(sequence_from_the_5'_cap_to_the_start_codon)/gb=d

- d42063_9590-9962,mrna_for_ranbp2_(ran-binding_protein_2),_complete_cds_
d87453_2046-2586,mrna_for_kiaa0264_gene,_partial_cds_
hg3088-ht3263_at_hg3088-ht3263_splicing_factor_sc35,_alt_splice_form_3_
l48692_581-1067,(clone_p5-23-3)_mrna
- 5** m74558_4849-5170,sil_mrna,_complete_cds
u28251exon_1192-1642,krueppel-type_zinc_finger_protein_(znf169)_gene,_partial_cds_
u33632_1401-1839,two_p-domain_k+_channel_twik-1_mrna,_complete_cds_
u41745_296-794,pdgf_associated_protein_mrna,_complete_cds
u96131_1638-
- 10** 2130,hpv16_e1_protein_binding_protein_mrna,_complete_cds/gb=u96131/_ntype=rna_
x82206cds_769-1107:in_reversesequence,_1192-1410,mrna_for_alpha-centractin
z15005cds_7614-7968:in_reversesequence,_8076-8184,cenp-e_mrna_
- Metagene 95
- 15** d13630_2433-2919,mrna_for_kiaa0005_gene,_complete_cds
d14530_55-403,homolog_of_yeast_ribosomal_protein_s28,_complete_cds_
d14658_859-1285,mrna_for_kiaa0102_gene,_complete_cds_
d21090_2298-2868,mrna_for_xp-c_repair_complementing_protein_(p58/hhr23b),_complete_cds_
- 20** d25218_1125-1575,mrna_for_kiaa0112_gene,_partial_cds_
d43948_6033-6549,mrna_for_kiaa0097_gene,_complete_cds
d45248_389-773,mrna_for_proteasome_activator_hpa28_subunit_beta,_complete_cds
d50663_235-625,mrna_for_tctel1_gene,_complete_cds
d61380_258-762,mrna_for_dj-1_protein,_complete_cds_
- 25** d63480_2623-3187,mrna_for_kiaa0146_gene,_partial_cds_
d76444mrna_2828-3362,hkf-1_mrna,_complete_cds
d80005_4364-4862,mrna_for_kiaa0183_gene,_partial_cds_
d87076_5065-5581,mrna_for_kiaa0239_gene,_partial_cds_
d87440_3807-4245,mrna_for_kiaa0252_gene,_partial_cds_
- 30** d87466_3602-4124,mrna_for_kiaa0276_gene,_partial_cds_
d87470_6278-6794,mrna_for_kiaa0280_gene,_partial_cds_
d88378_2857-3157,mrna_for_proteasome_inhibitor_hpi31_subunit,_complete_cds_
d90086exon#10_9-
489:not_in_gb_record,pyruvate_dehydrogenase_(ec_1.2.4.1)_beta_subunit_gene,_exons_10
- 35** j04543_1215-1725,synexin_mrna,_complete_cds
j04615mrna_833-1265,lupus_autoantigen_(small_nuclear_ribonucleoprotein,_snrnp,_sm-
d)_mrna,_complete
all_j04982_4001-5444,heart/skeletal_muscle_atp/adp_translocator_(ant1)_gene,_complete_cds
l06132_1325-1721,voltage-dependent_anion_channel_isoform(vdac)_mrna,_complete_cds_

- 110284_3582-4038,integral_membrane_protein_calnexin_(ip90)_mrna_complete_cds_
 113977_1675-2017,prolylcarboxypeptidase_mrna_complete_cds_
 119527_31-415,ribosomal_protein_l27_(rpl27)_mrna_complete_cds
 132977mrna_680-1124,(clone_f17252)_ubiquinol_cytochrome_c_reductase_rieske_iron-
 5 sulphur_protein_(uqc
 all_m12783_3467-3780,c-sis/platelet-derived_growth_factor(sis/pdgf2)_mrna_complete_cds_
 all_m19645_4941-5470,78_kdalton_glucose-regulated_protein_(grp78)_gene_complete_cds_
 m21259_at_m21259_m21259,not_in_gb_record,alu_repeats_in_the_region_5'_to_the_small_nuclear
 _ribonucle
 10 m22760_142-586,nuclear-
 encoded_mitochondrial_cytochrome_c_oxidase_va_subunit_mrna_complete_cds_
 m23613_701-1217,nucleophosmin_mrna_complete_cds_
 all_m32405_2395-2832:in_m32405cds_316-
 347,homologue_of_rat_insulinoma_gene_(rig)_exons_4-jan_
 15 m80335_574-886,protein_kinase_a_catalytic_subunit_mrna_3'_end
 m86667_1037-1517,nap_(nucleosome_assembly_protein)_mrna_complete_cds
 m93036mrna_987-1353:in_reversesequence_527-545,(clone_21726)_carcinoma-
 associated_antigen_ga733-2_
 u07231_2329-2647,g-rich_sequence_factor-1_(grsf-1)_mrna_complete_cds
 20 u07857_173-677,humankda_alu_rna_binding_protein_mrna_complete_cds_
 u09813mrna_225-
 765,mitochondrial_atp_synthase_subunit_9_p3_gene_copy_mrna_nuclear_gene_encoding_m
 u12595_1663-
 2083,tumor_necrosis_factor_tyrosereceptor_associated_protein_(trap1)_mrna_partial_cds
 25 u18062_1678-2152,tfiid_subunit_tafii55_(tafi55)_mrna_complete_cds
 u44772_1738-2176,palmitoyl_protein_thioesterase_mrna_complete_cds_
 u50733_1132-1642,dynamin_mrna_complete_cds
 u58089_1599-1941,hs-cul-3_mrna_partial_cds
 u62800_181-535,cystatin_m_(cst6)_mrna_complete_cds
 30 u66879_394-928,bcl-2_binding_component(bbc6)_mrna_complete_cds.
 x02317cds_251-371:in_reversesequence_531-831,mrna_for_cu/zn_superoxide_dismutase_(sod)
 all_x52979_759-
 895:not_in_gb_record_smb_protein_gene_extracted_fromgene_for_small_nuclear_ribonucle
 x56468mrna_1303-1789,mrna_for_14.3.3_protein_a_protein_kinase_regulator_
 35 x59417cds_319-709:in_reversesequence_813-861,pros-27_mrna
 all_x75252_1083-1408,phosphatidylethanolamine_binding_protein_mrna_
 all_x91809_980-1533,mrna_for_gaip_protein
 z50749cds_689-1055:in_reversesequence_1088-1274,sds22-like_mrna

Metagene 476

- d00763_609-1035,mrna_for_proteasome_subunit_hc9
d14661_1027-1579,mrna_for_kiaa0105_gene,_complete_cds
5 d43949_2627-3143,mrna_for_kiaa0082_gene,_partial_cds_
d63879_3065-3599,mrna_for_kiaa0156_gene,_complete_cds
d86973_7230-7716,mrna_for_kiaa0219_gene,_partial_cds_
hg2460-ht2556_at_hg2460-ht2556_integrin_beta
hg4194-ht4464_at_hg4194-ht4464_sodium/hydrogen_exchanger
10 hg4716-ht5158_at_hg4716-ht5158_guanosine_5'-monophosphate_synthase
j02963_641-1049,platelet_glycoprotein_iib_mrna,_3'_end_
j05448_1173-1665,rna_polymerase_subunit_hrp33_mrna
all_k01383_2141-2388,metallothionein-i-a_gene,_complete_coding_sequence
105500_2226-2688,fetal_brain_adenylyl_cyclase_mrna,_3'_end_
15 all_115440_5674-
5845,tyrosine_hydroxylase_(th)_gene,_3'_end;_insulin_(ins)_gene,_complete_cds;_insul
138941mrna_19-343,ribosomal_protein_l34_(rpl34)_mrna,_complete_cds
m18185mrna_206-656,gastric_inhibitory_polypeptide_(gip)_mrna,_complete_cds_
m20471_512-1066,brain-type_clathrin_light-chain_a_mrna,_complete_cds_
20 m77232mrna_329-773,ribosomal_protein_s6_gene,_complete_cds_and_flanking_regions_
u23803_1125-1659,heterogeneous_ribonucleoprotein_a0_mrna,_complete_cds
u31120mrna_802-1234:in_reversesequence,_5052,interleukin-13_(il-
13)_precursor_gene,_complete_cds_
u37408_1514-2078,ctbp_mrna,_complete_cds_
25 u41371_2249-2777,spliceosome_associated_protein_(sap_145)_mrna,_complete_cds_
u68018_1512-1890,rad_protein_homolog_(hmad-2)_mrna,_complete_cds_
u90547_2553-2811,ro/ssa_ribonucleoprotein_homolog_(rorot)_mrna,_complete_cds_
u96915_165-693,sin3_associated_polypeptide_p18_(sap18)_mrna,_complete_cds.
x77584cds_5-215:in_reversesequence,_43-481,mrna_for_atl-derived_factor/thiredoxin_
30 x85237cds_1957-2311:in_reversesequence,_2480-2588,mrna_for_splicing_factor_sf3a120
all_x85373_43-404,mrna_for_sm_protein_g
y00764cds_85-235:in_reversesequence,_331-463,mrna_for_mitochondrial_hinge_protein_
all_z26634_11848-12401,mrna_for_ankyrin_b_(440_kda)

35 Metagene 403

d90276_757-1156,cgm7_gene_for_nonspecific_cross-reacting_antigen_(nca)_
m92642_5127-5311,alpha-1_type_xvi_collagen_(coll6a1)_mrna,_complete_cds_
u68233_1565-2063,farnesol_receptor_hrr-1_(hrr-1)_mrna,_complete_cds

u90911_1165-1549,clone_23652_mrna_sequence_
 x61070mrna_61-379,mrna_for_t_cell_receptor_clone_igra15.
 all_x72012_2495-3060,end_mrna_for_endoglin_
 y12394_1326-1770,mrna_for_srp1-like_protein

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Metagene 138

- af003743_28-235,delayed_rectifier_potassium_channel_(kvlqt1-
 iso5)_mrna_5'_utr_and_partial_cds/gb=af
- 10 d10495_1562-2054,mrna_for_protein_kinase_c_delta-type
 all_d13897_1402-
 1545_peptide_yy_precursor_gene_extracted_fromdna_for_peptide_yy_complete_cds
 d16583exon#12_473-1001,gene_for_l-histidine_decarboxylase_complete_cds
 d17532_3624-4104,mrna_for_rck_complete_cds
- 15 d28416_5-
 55,mrna_for_esterase_d_5'_utr(sequence_from_the_5'_cap_to_the_start_codon)/gb=d28416_nty
 d42044_5131-5635,mrna_for_kiaa0090_gene_partial_cds_
 d42046_3648-4077,mrna_for_kiaa0083_gene_partial_cds_
 d55696_1285-1807,mrna_for_cysteine_protease_complete_cds
- 20 d63484_2642-3188,mrna_for_kiaa0150_gene_partial_cds_
 d83542_2250-2808,mrna_for_cadherin-15_complete_cds
 d83780_3502-4060,mrna_for_kiaa0196_gene_complete_cds
 d83784_5115-5445,mrna_for_kiaa0198_gene_partial_cds_
 d87937_88-
- 25 502,mrna_for_alpha(1,2)fucosyltransferase_5'_utr_partial_sequence/gb=d87937_ntype=rna
 hg1602-ht1602_at_hg1602-ht1602_utrophin
 hg2247-ht2332_at_hg2247-ht2332_major_intrinsic_protein_
 hg2348-ht2444_s_at_hg2348-ht2444_peptide_yy
 hg2994-ht4850_s_at_hg2994-ht4850_elastin_altsplce_2
- 30 hg3148-ht3324_s_at_hg3148-ht3324_major_histocompatibility_complex_iii_rp1_altsplce_1_
 hg3437-ht3628_s_at_hg3437-ht3628_myelin_proteolipid_protein_altsplce_2_
 hg3565-ht3768_r_at_hg3565-ht3768_zinc_finger_protein_
 hg3566-ht3769_at_hg3566-ht3769_zinc_finger_protein_
 hg4018-ht4288_at_hg4018-ht4288_opioid-binding_cell_adhesion_molecule_
- 35 hg4264-ht4534_s_at_hg4264-ht4534_guanine_nucleotide-binding_protein_rab5c-like_protein_
 hg4638-ht5050_at_hg4638-ht5050_spliceosomal_protein_sap_49_
 hg4724-ht5166_at_hg4724-ht5166_atp-binding_cassette_protein
 hg4749-ht5197_at_hg4749-ht5197_calmitine_calcium-binding_protein_mitochondrial
 hg880-ht880_at_hg880-ht880_mucin_6_gastric

- j02871_1475-1931,lung_cytochrome_p450_(iv_subfamily)_bi_protein,_complete_cds
j02947mrna_839-1349,extracellular-superoxide_dismutase_(sod3)_mrna,_complete_cds_
j03241_1918-2438,transforming_growth_factor-beta(tgf-beta3)_mrna,_complete_cds
122454_2803-2944,nuclear_respiratory_factor-1_(nrf-1)_mrna,_complete_cds
- 5** 133799_1065-1455,procollagen_c-proteinase_enhancer_protein_(pcolce)_mrna,_complete_cds_
140402mrna_593-1157,(clone_zap2)_mrna_fragment
m11749cds_141-405:in_reversesequence,_1501-1747,thy-1_glycoprotein_gene,_complete_cds_
m13929mrna_421-974,c-myc-p64_mrna,_initiating_from_promoter_p0_(hlmyc2.5)_partial_cds_
m16336mrna_923-1463,t-cell_surface_antigen_cd2_(t11)_mrna,_complete_cds,_clone_pb1_
- 10** m28882_2907-3186,muc18_glycoprotein_mrna,_complete_cds_
m29932cds_637-1180,beta-3-adrenergic_receptor_gene_
m31211mrna_150-714,myosin_light_chainslow_a_(mlc1sa)_mrna,_complete_cds_
m37238mrna_3630-4187,phospholipase_c_mrna,_complete_cds
m37763cds_350-740:in_reversesequence,_965-989,neurotrophin-3_(nt-3)_gene,_complete_cds
- 15** m59916_1784-2300,acid_sphingomyelinase_(asm)_mrna,_complete_cds
m64673_1541-2084,heat_shock_factor(tcf5)_mrna,_complete_cds_
m79463_2979-3514,pml-2_mrna,_complete_cds
m85085_1449-1953,cleavage_stimulation_factor,_complete_cds_
m93284_879-1407,pancreatic_lipase_related_protein(plrp2)_mrna,_complete_cds_
- 20** m95627mrna_1227-1587,angio-associated_migratory_cell_protein_(aamp)_mrna,_complete_cds
s39329_948-1368,_glandular_kallikrein-
1_{alternatively_spliced}_[human,_prostate,_mrna,_1541_nt]
s83309_1291-
1856,_germ_cell_nuclear_factor_[human,_embryonal_carcinoma_nt2/d1,_mrna,_1916_nt]
- 25** u01038_1649-2123,plk_mrna,_complete_cds
u07664exon#2_535-973,hb9_homeobox_gene_
u08198mrna_313-805,complement_c8_gamma_subunit_precursor_(c8g)_gene,_complete_cds_
u09937mrna_1176-1581,_urokinase-
type_plasminogen_activator_receptor_gene_extracted_fromurokinase-typ
- 30** u11877_7-139,interleukin-
8_receptor_type_b_(il8rb)_mrna,_splice_variant_il8rb9,_partial_cds/gb=u1187
u14187_824-962,receptor_tyrosine_kinase_ligand_lerk-3_(eplg3)_mrna,_complete_cds.
all_u15637_1727-2315,cd40_binding_protein_(cd40bp)_mrna,_complete_cds
u18018_1732-2290,e1a_enhancer_binding_protein_(e1a-f)_mrna,_partial_cds
- 35** u18235_61-493,atp-binding_cassette_protein_(abc2)_mrna_hfbcd04_clone,_partial_cds
u18300_1231-1657,damage-
specific_dna_binding_protein_p48_subunit_(ddb2)_mrna,_complete_cds_
u19261_1792-2320,epstein-barr_virus-induced_protein_mrna,_complete_cds_
u32645_3566-4112,myeloid_elf-1_like_factor_(mef)_mrna,_complete_cds

- u38372_13-331,huntingtin_associated_protein_(hhap1)_mrna,_partial_cds
u40998_760-1312,retinal_protein_(hrg4)_mrna,_complete_cds
u43965_3313-3389,ankyrin_g119_(ank3)_mrna,_complete_cds
u46570_974-1364,tetratricopeptide_repeat_protein_(tpr1)_mrna,_complete_cds_
- 5** u49070_411-951,peptidyl-
prolyl_isomerase_and_essential_mitotic_regulator_(pin1)_mrna,_complete_cds_
u50079_1013-1569,histone_deacetylase_hdl1_mrna,_complete_cds
u50136mrna_106-640,leukotriene_c4_synthase_(ltc4s)_gene,_complete_cds_
u52100_167-605,xmp_mrna,_complete_cds
- 10** u56417_1673-2063,lysophosphatidic_acid_acyltransferase-alpha_mrna,_complete_cds
all_u57450_305-546,epc-1_gene
u67674exon_2279-2813,ileal_sodium_dependent_bile_acid_transporter
u70426_1863-2301,a28-rgs14p_mrna,_complete_cds_
u73377_3059-3363,p66shc_(shc)_mrna,_complete_cds.
- 15** u76456_587-1145,tissue_inhibitor_of_metalloproteinase_mrna,_complete_cds.
u83192_3401-3905,post-synaptic_density_protein_95_(psd95)_mrna,_complete_cds_
u83410_2256-2772,cu1-2_(cu1-2)_mrna,_complete_cds
u83598_519-
790,death_domain_receptorsoluble_form_(ddr3)_mrna,_partial_cds,death_domain_receptorsolub
- 20** u85611_385-919,dna-pk_interaction_protein_(kip)_mrna,_complete_cds_
u86409cds_61-
523,hyaluronan_synthase(has3)_gene,_partial_cds/gb=u86409_/ntype=dna_/annot=cds
u88629cds_1508-
1898,rna_polymerase_ii_elongation_factor_ell2,_complete_cds/gb=u88629_/ntype=dna_/ann
- 25** u89278_1958-2402,polyhomeotichomolog_(hph2)_mrna,_complete_cds
u89355_3288-3618,clone_crt16_creb-binding_protein_mrna,_partial_cds.
all_x04828_1116-1702,mrna_for_g(i)_protein_alpha-subunit_(adenylate_cyclase_inhibiting_gtp-binding_p
all_x07315_341-864,gene_for_pp15_(placental_protein_15)
- 30** x52192cds_2144-2426:in_reversesequence,_2525-2717,rna_for_c-fes_
x52611cds_962-1273:in_reversesequence,_1441-1555,mrna_for_transcription_factor_ap-2_
all_x52638_1152-1723,mrna_for_6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase_(ec_2.7.1.105,_ec
x59373mrna_531-1071,hox4d_mrna_for_a_homeobox_protein
- 35** all_x60104_1532-2110,mrna_for_zinc_finger_protein
x62025mrna_877-1180,rod_cg-pde_g_gene_for_3',_5'-cyclic_nucleotide_phosphodiesterase
x62153cds_1930-2398:in_reversesequence,_2459-2494,mrna_for_p1_protein_(p1.h)
x63380_1061-1613,mrna_for_rsrfr2_
all_x65463_1187-1734,mrna_for_mhc_i_promoter_binding_protein_

- x68688mna_111-134,znf33b_gene
x70991_1597-2089,mader_mrna
all_x74295_178-695,mrna_for_alpha_7b_integrin
x77588cds_154-679,te2_mrna_for_ard-1_n-acetyltransferase_homologue.
5 x86428cds_626-920:not_in_gb_record,gene_for_phosphotyrosyl_phosphatase_activator_(exon_1)_
x92715_3170-3701,mrna_for_znf74_protein
x95463cds_793-1222,mrna_for_ox19_protein_
y00970cds_756-1236:in_reversesequence,_1264-1312,mrna_for_acrosin_(ec_3.4.21.10)
y08302cds_807-1122:in_reversesequence,_1385-1445,mrna_for_map_kinase_phosphatase_4
10 y08836mna_37-181,mrna_for_hrx-like_protein/gb=y08836_/ntype=rna_
y09022cds_805-1291:in_reversesequence,_1328-1406,mrna_for_not56-like_protein
y11416mna_1639-2209,mrna_for_p73
all_z14978_1422-1673,mrna_for_actin-related_protein
z33905mna_1190-1598,gene_for_43kd_acetylcholine_receptor-associated_protein_(rapsyn)
15
Metagene 99

ac002450cds_13-535,bac_clone_gs244b22_from_7q21-
q22,_complete_sequence/gb=ac002450_/ntype=dna_/annot
20 af006041_300-762,fas-binding_protein_(daxx)_mrna,_partial_cds/gb=af006041_/ntype=rna
d80006_4068-4596,mrna_for_kiaa0184_gene,_partial_cds_
d83779_4499-4967,mrna_for_kiaa0195_gene,_complete_cds_
hg4310-ht4580_at_hg4310-ht4580_cellular_retinol_binding_protein_ii_
j04501_3032-3482,muscle_glycogen_synthase_mrna,_complete_cds_
25 j04513mna_6156-
6714,basic_fibroblast_growth_factor_(bfgf)_22.5_kd,_21_kd_andkd_protein_mrna,_comple
m16276mna_1281-1569,mhc_ii_hla-dr2-dw12_mrna_dqwl-beta,_complete_cds
m74099_4835-5327,displacement_protein_(ccaat)_mrna_
m97388_786-1332,tata_binding_protein-associated_phosphoprotein_(dr1)_mrna,_complete_cds
30 s77575_11-
59,_erv9_reverse_transcriptase_homolog_{clone_rt11}_{human,_multiple_sclerosis,_brain_plaq
u75679_1214-1622,histone_stem-loop_binding_protein_(slbp)_mrna,_complete_cds_
u91616_1484-1988,i_kappa_b_epsilon_(ikbe)_mrna,_complete_cds_
all_x54925_1537-1904,mrna_for_type_i_interstitial_collagenase
35 all_x73882_2585-3120,e-map-115_mna

Metagene 14

d16532exon_123-561,gene_for_very_low_density_lipoprotein_receptor,_5'_flanking_and_

- d49354_769-1293,mrna_for_enhancer_protein_in_hsp70_gene,_partial_cds_
d79984_5275-5836,mrna_for_kiaa0162_gene,_complete_cds
d79999_4526-4922,mrna_for_kiaa0177_gene,_partial_cds_
d82346_944-1316,mrna_for_hnspc,_complete_cds_
5 d83597_2108-2612,mrna_for_rp105,_complete_cds
d84361_1601-2135,mrna_for_p52_and_p64_isoforms_of_n-shc,_complete_cds
d87435_5153-5591,mrna_for_kiaa0248_gene,_partial_cds_
d87454_4950-5490,mrna_for_kiaa0265_gene,_partial_cds_
d87455_4996-5542,mrna_for_kiaa0266_gene,_complete_cds
10 d87957cds_549-825:in_reversesequence,_1148-
1256,male_foreskin_fibroblast_dna_for_protein_involved_in
hg1699-ht1704_s_at_hg1699-ht1704_epimorphin
hg1751-ht1768_at_hg1751-ht1768_chorionic_somatotropin_hormone_cs-5
hg2228-ht2305_at_hg2228-ht2305_crystallin,_beta_b
15 hg2936-ht3080_at_hg2936-ht3080_immunoglobulin_heavy_chain,_enhancer_element
hg3132-ht3308_at_hg3132-ht3308_cea_family,_bi-like_domain
hg3227-ht3404_at_hg3227-ht3404_guanine_nucleotide-binding_protein_hsr1_
hg3286-ht3463_at_hg3286-ht3463_crystallin,_alpha_a_
hg721-ht4828_s_at_hg721-ht4828_placental_protein_14,_endometrial_alphaglobulin,_altsplice_3_
20 hg907-ht907_at_hg907-ht907_mg44
hg921-ht3995_at_hg921-ht3995_serine/threonine_kinase,_receptor_2-2,_altsplice_3
all_j00301_342-715,parathyroid_(pth)_gene,_3'_end
j03910mrna_31-319,(clone_14vs)_metallothionein-ig_(mtlg)_gene,_complete_cds_
j04809mrna_1742-2216,cytosolic_adenylate_kinase_(ak1)_gene,_complete_cds
25 i05624_910-1418,map_kinase_kinase_mrna,_complete_cds
i10386_2036-2498,transglutaminase_e3_(tgase3)_mrna,_complete_cds
i11238_2922-3445,platelet_membrane_glycoprotein_v_mrna,_complete_cds
i18920exon#4_970-1461,mage-2_gene_exons_1-4,_complete_cds
i19267_2335-2755,59_protein_mrna,_3'_end
30 l22005_797-1349,ubiquitin_conjugating_enzyme_mrna,_partial_cds_
l39874exon#5_778-1198,deoxycytidylate_deaminase_gene,_complete_cds
m17754_1298-1838,bn51_mrna,_complete_cds_
m19684cds_912-1212:in_reversesequence,_3443-3539,alpha-1-antitrypsin-related_protein_gene_
m19720mrna#2_2659-3217,_l-myc_gene_(l-myc_protein)_extracted_from_l-
35 myc_protein_gene,_complete_cds,_1
m19722_1843-2245,fgr_proto-oncogene_encoded_p55-c-fgr_protein,_complete_cds
m21142cds#1_889-1109:in_reversesequence,_1884-2122,_guanine_nucleotide-binding_protein_g-s-
alpha-3_g
m24594mrna_1077-1593,interferon-inducible_56_kd_protein_mrna,_complete_cds_

- m25393_1686-2253,protein_tyrosine_phosphatase_(ptpase)_mrna,_complete_cds
m30607mrna_2131-2301:in_reversesequence,_2607,zinc_finger_protein_y-linked_(zfy)_mrna,_complete_cds_
m36542mrna_1437-1832,lymphoid-specific_transcription_factor_mrna,_complete_cds_
5 m37457cds_2823-2990,na+,k+ _#name?_catalytic_subunit_alpha-iii_isoform_gene,na+,k+ _#name?_catalytic_s
m58597_2260-2806,elam-1_ligand_fucosyltransferase_(elft)_mrna,_complete_cds
m63391mrna_1637-2189,desmin_gene,_complete_cds
m64752_2904-3150,glutamate_receptor_subunit_(gluh1)_mrna,_complete_cds_
10 m67439cds_941-1355,d5_dopamine_receptor_(drd5)_gene,_complete_cds
m76665mrna_792-1332,11-beta-hydroxysteroid_dehydrogenase_(hsd11)_gene
m77836_1239-1749,pyrroline_5-carboxylate_reductase_mrna,_complete_cds
m81780cds#4_49-265:in_fullsequence,_3676-3940,_smpd1_gene_(acid_sphingomyelinase)_extracted_fromacid
15 m83667mrna_713-1143,nf-il6-beta_protein_mrna,_complete_cds
m88579_1225-1615,zinc_finger_protein_(sre-zbp)_mrna,_3'_end
m89796mrna_3128-3671,high_affinity_ige_receptor_beta_chain_gene,_complete_cds_
m94065_1051-1417,dihydroorotate_dehydrogenase_mrna,_3'_end_
m94856_163-619,fatty_acid_binding_protein_homologue_(pa-fabp)_mrna,_complete_cds_
20 m97796_88-595,helix-loop-helix_protein_(id-2)_mrna,_complete_cds_
m97936_2354-2564,transcription_factor_isgf-3_mrna_sequence_
s45630_108-612,_alpha_b-crystallin=rosenthal_fiber_component_[human,_glioma_cell_line,_mrna,_691_nt]
s62696_39-
25 119,_ebv/c3d_receptor_{alternatively_spliced,_exons_8a,9,10}_[human,_jurkat_t_cells,_mrna_s79639_2588-
3068,_ext1=putative_tumour_suppressor/hereditary_multiple_exostoses_candidate_gene_[humas82597mrna_9-507,_description:_udp-galnac:polypeptide_n-acetylgalactosaminyltransferase_gene_extract
30 u00946_1382-1916,clone_a9a2brb5_(cac)n/(gtg)n_repeat-containing_mrna_
all_u01317_19502-63478:in_u01317cds#1_82-113,_epsilon-globin_gene_extracted_frombeta_globin_region_o
u05572_2563-3028,lysosomal_alpha-mannosidase_(manb)_mrna,_complete_cds_
u09366_2042-2540,zinc_finger_protein_znf133
35 u10689exon#3_939-1505,mage-5a_antigen_(mage5a)_gene,_complete_cds
u16126_2216-2684,glutamate/kainate_receptor_subunit_(eaa4)_mrna,_complete_cds
u23435_832-1319,abl_interactor(abi-2)_mrna,_complete_cds
u28811_3404-3866,cysteine-rich_fibroblast_growth_factor_receptor_(cfr-1)_mrna,_complete_cds

- u36922_19-136:in_reversesequence, 205-
 220,fork_head_domain_protein_(fkhr)_mrna, 3'_end/gb=u36922_/nt
 u37055mrna_1680-2195,hepatocyte_growth_factor-like_protein_gene,complete_cds_
 u37139mrna#1_596-998,beta_3-endonoxin_mrna, long_form_and_short_form,complete_cds_
5 u38175_719-1205,hur_rna_binding_protein_(hur)_mrna,complete_cds_
 u42408_1997-2393,ladinin_(lad)_mrna,complete_cds
 u43030_1121-1484,cardiotrophin-1_(ctf1)_mrna,complete_cds_
 all_u44429_1151-1626,d53_(hd53)_mrna,partial_cds
 u49082_1830-2370,transporter_protein_(gl7)_mrna,complete_cds
10 u49188_1187-1685,placenta_(diff33)_mrna,complete_cds
 u53442_1615-2131,p38beta_map_kinase_mrna,complete_cds_
 u59111_892-1444,dermatan_sulfate_proteoglycan(dspg3)_mrna,complete_cds_
 all_u63842_423-1018,neurogenic_basic-helix-loop-helix_protein_(neurod3)_gene,complete_cds_
 u70732mrna_1335-1899,glutamate_pyruvate_transaminase_(gpt)_gene,complete_cds_
15 u72512_4-196,b-
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 u79259_1214-1610,clone_23945_mrna,complete_cds
 u82169_1613-2135,frizzled_homolog_(fzd3)_mrna,complete_cds
 u83601mrna_58-
20 136,calpastatin_gene,exonsand_15,partial_cds/gb=u83601_/ntype=dna_/annot=mrna
 v01514mrna_1440-1986,mrna_encoding_alpha-
 fetoprotein_(afp)afp_is_a_major_serum_protein_(mg: 70000)_s
 x12517cds_261-441:in_reversesequence, 480-660,mrna_for_u1_small_nuclear_rnp-
 specific_c_protein
25 x15875cds_1176-1476:in_reversesequence, 1604-1622,mrna_for_camp_response_element_(cre-
 bp1)_binding_p
 all_x52889_24339-24440,gene_for_cardiac_beta_myosin_heavy_chain
 all_x53390_2839-3093,mrna_for_upstream_binding_factor_(hubf)_
 x53795mrna_1868-2003,r2_mrna_for_an_inducible_membrane_protein_
30 all_x60487_686-948,h4/h_gene_for_h4_histone
 all_x63131_1996-2179,myl1_(pml)_mrna
 all_x64037_1887-2200,mrna_for_rna_polymerase_ii_associated_protein_rap74_
 x72879cds_3-52:in_reversesequence, 76-208,14a2ak_dna_sequence_
 all_x73874_3675-4156,phkamrna_
35 x79067utr#1_1631-2165,erf-1_mrna_3'_end
 all_x82434_589-1112,mrna_for_emerin
 all_x86401_1686-2217,mrna_for_l-arginine:glycine_amidinotransferase
 x90976_26-185,mrna_for_an_acute_myeloid_leukaemia_protein_(3917bp)_
 x92098cds_368-560:in_reversesequence, 635-737,mrna_for_transmembrane_protein_rnp24

- x92972cds_585-885:in_reversesequence,_968-1148,mrna_for_protein_phosphatase_6_
 x93499cds_285-591:in_reversesequence,_1241-1451,mrna_for_rab7_protein_
 all_x93920_1520-2031,mrna_for_protein-tyrosine-phosphatase_(tissue_type:_foreskin)_
 all_x95876_1330-1415,mrna_for_g-protein_coupled_receptor_
5 x99699cds_603-855:in_reversesequence,_939-1131,mrna_for_xiap_associated_factor-1
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 y10210mma_55-433,mrna_for_cd22_protein/gb=y10210_/ntype=rna_
 z23090cds_277-589:in_reversesequence,_1086-1098,mrna_for_28_kda_heat_shock_protein
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10 z83806_25-283,mrna_for_axonemal_dynein_heavy_chain_(partial,_id_hdhc9).
- Metagene 342
- j00139cds_68-506,dihydrofolate_reductase_gene
15 s76942_5-
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 u56102_1973-2537,adhesion_molecule_dnam-1_mrna,_complete_cds_
20 all_x04706_1122-1295,homeobox_gene_(clone_hho.c13)_
 x69398cds_898-927,mrna_for_oa3_antigenic_surface_determinant_
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 x83705mrna_67-535,mrna_for_c-sis_proto-oncogene
- 25** Metagene 122
- af000234_1038-1578,p2x_purinoceptor_mrna,_complete_cds
 d79989_3469-3919,mrna_for_kiaa0167_gene,_complete_cds
 d87463_2511-2997,mrna_for_kiaa0273_gene,_complete_cds
30 hg1071-ht1071_at_hg1071-ht1071_bone_morphogenetic_protein_
 hg2028-ht2082_at_hg2028-ht2082_laminin,_a_polypeptide
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 hg884-ht884_s_at_hg884-ht884_oncogene_e6-ap,_papillomavirus
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35 l05425_1712-2162,autoantigen_mrna,_complete_cds_
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 l20316_1565-2003,glucagon_receptor_mrna,_complete_cds
 l40387cds_31-
 433,thyroid_receptor_interactor_(trip14)_gene,_3'_end_of_cds/gb=l40387_/ntype=dna_/anno

- 140395mrna_861-1395,(clone_s20iii15)_mrna_3'_end_of_cds
 m21985_1548-2004,steroid_receptor_tr2_mrna_complete_cds_
 m24461exon#11_528-780,pulmonary_surfactant-associated_protein_sp-
 b_(sftp3)_mrna_complete_cds
- 5** m32373mrna_2201-2753,arylsulfatase_b_(asb)_mrna_complete_cds
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 m34667_3969-4305,phospholipase_c-gamma_mrna_complete_cds
 m35416mrna_864-1302,gtp-binding_protein_(ralb)_mrna_complete_cds
 m62958_2486-2942,retinal_degradation_slow_(rds)_mrna_
- 10** m64497_1307-1559,apolipoprotein_ai_regulatory_protein_(arp-1)_mrna_complete_cds_
 m65214_492-997,(hela)_helix-loop-helix_protein_he47_(e2a)_mrna_3'_end_
 m76125_2612-3170,tyrosine_kinase_receptor_(axl)_mrna_complete_cds_
 m77144mrna_1332-1630,_3-beta-hydroxysteroid_dehydrogenase_gene_extracted_fromtype_ii_3-
 beta_hydroxys
- 15** m91463mrna_2634-3168,glucose_transporter_(glut4)_gene_complete_cds_
 s69189_2575-3007,_peroxisomal_acyl-coenzyme_a_oxidase_[human,liver,mrna_3086_nt]
 s76965_1718-2066,_protein_kinase_inhibitor_[human,neuroblastoma_cell_line_sh-sy-
 5y,mrna_2147_nt]
 s77361_25-
- 20** 184,_transcript_ch132_[human,rfl,rf48_stomach_cancer_cell_lines,mrna_216_nt]/gb=s77361_
 u04840_3088-3646,onconeural_ventral_antigen-1_(nova-1)_mrna_complete_cds
 u09414_1994-2462,zinc_finger_protein_znf137_mrna_complete_cds_
 u16282_2336-2744,ell_mrna_complete_cds
 u17163_1086-1644,transcription_factor_etv1_mrna_complete_cds
- 25** u21551_728-1076,eca39_mrna_complete_cds/gb=u21551/_ntype=rna
 u28749_3491-4033,high-mobility_group_phosphoprotein_isoform_i-
 c_(hmgic)_mrna_complete_cds_
 u32519_1294-1708,gap_sh3_binding_protein_mrna_complete_cds
 u60060_1090-1540,fez1_mrna_complete_cds_
- 30** u64520_308-650,synaptobrevin-3_mrna_complete_cds
 u87459_331-703,autoimmunogenic_cancer/testis_antigen_ny-eso-1_mrna_complete_cds_
 u93553_1729-2251,alpha1-fetoprotein_transcription_factor_(hftf)_mrna_complete_cds.
 x15376mrna_1216-1684,mrna_for_gaba-a_receptor,_gamma_subunit_
 all_x51405_1974-2413,mrna_for_carboxypeptidase_e_(ec_3.4.17.10)
- 35** all_x51435_8408-8982,prdii-bf1_gene_for_a_dna-binding_protein
 x56411mrna_1990-2470,adh4_gene_for_ii_alcohol_dehydrogenase_(pi_subunit),_exon_1
 x56465cds_1607-2069:in_reversesequence,_3400,znf6_mrna_for_zinc_finger_transcription_factor_
 x59065exon_2834-3254,fgf_gene,_exon_3
 all_x63097_2195-2670,mrna_for_rhesus_polypeptide_(rhxihi)

all_x64624_2881-3429,mrna_for_rdc-1_pou_domain_containing_protein
 y10659cds_1011-1239:in_reversesequence,_1342-1552,il-13ra_mrna
 all_z18956_3398-3951,mrna_for_taurine_transporter

5 Metagene 31

- d26155_4647-5214,mrna_for_transcriptional_activator_hsnf2a,_complete_cds_
 hg3412-ht3593_s_at_hg3412-ht3593_blue_cone_photoreceptor_pigment_
 j02758exon#3_568-980:in_reversesequence,_3307-3464,apolipoprotein_a-iv_gene,_complete_cds_
10 m13982mrna_7-508,interleukin(il-4)_mrna,_complete_cds_
 m26901cds_808-1187:in_reversesequence,_218-293,renin_gene_
 u03056_1988-2468,tumor_suppressor_(luca-1)_mrna,_complete_cds
 u16120_2267-2833,placental_taurine_transporter_mrna,_complete_cds
 x68285cds_886-976,mrna_for_glycerol_kinase_

15

Metagene 475

- d31889_2835-3279,mrna_for_kiaa0072_gene,_partial_cds_
 d82326_2784-3312,mrna_for_na+-
20 independent_neutral_and_basic_amino_acid_transporter,_complete_cds_
 d82347_1949-2459,mrna_for_neurod,_complete_cds_
 all_j03756_527-783,growth_hormone-variant_(gh1)_and_growth_hormone-variant-
 2_(gh2)_mrna,_complete_cd
 l25270_5352-5856,xel69_mrna,_complete_cds
25 all_m13934_834-
 1309,_rps14_gene_(unknown_protein)_extracted_fromribosomal_protein_s14_gene,_complete
 all_m16405_1994-2553,m4_muscarinic_acetylcholine_receptor_gene_
 all_m20543_2890-3542,skeletal_alpha-actin_gene,_complete_cds_
 m90359_2039-2519,camp-dependent_protein_kinase_(akap_79)_mrna,_complete_cds_
30 s81893_13-
 331,_mesi3/15=extracellular_matrix_induced_gene_[human,_endometrial_adenocarcinoma_cells_h
 u03851_1800-2220,capping_protein_alpha_mrna,_partial_cds_
 u30998_43-166,(nmd)_mrna,_3'_utr/gb=u30998_/ntype=rna
 u90910_1208-1724,clone_23564_mrna_sequence_
35 x00129cds_332-566:in_reversesequence,_671-851,mrna_for_retinol_binding_protein_(rbp)
 x99101cds_1121-1409:in_reversesequence,_1439-1535,mrna_for_estrogen_receptor
 all_y09858_1990-2483,mrna_for_unknown_protein
 y12856_182-668,mrna_for_amp-activated_protein_kinase_alpha-1,_partial/gb=y12856_/ntype=rna_

Metagene 436

- d31884_2579-3023,mrna_for_kiaa0063_gene,_complete_cds
d63998_3542-4046,mrna_for_golgi_alpha-mannosidaseii,_complete_cds
- 5** 113740_2002-2047,tr3_orphan_receptor_mrna,_complete_cds
113852_2790-3270,ubiquitin-activating_enzyme_e1_related_protein_mrna,_complete_cds
113972_1930-2224,beta-galactoside_alpha-2,3-sialyltransferase_(sialt4a)_mrna,_complete_cds
135475cds_642-888:in_reversesequence,_1441-1675,olfactory_receptor-like_gene,_complete_cds
140366mrna_31-223,thyroid_receptor_interactor_(trip2)_mrna,_partial_cds/gb=140366/_ntype=rna
- 10** m18391_2780-3147,tyrosine_kinase_receptor_(eph)_mrna,_complete_cds
m27826mrna_464-1025,endogenous_retroviral_protease_mrna,_complete_cds
m31165mrna_843-1353,tumor_necrosis_factor-inducible_(tsg-6)_mrna_fragment,_adhesion_receptor_cd44_pu
m59371mrna_3386-3878,protein_tyrosine_kinase_mrna,_complete_cds
- 15** m83308_31-343,mitochondrial_cytochrome-c_oxidase_subunit_via_(cox6a)_mrna,_complete_cds
s80335_2197-2719,_integrin_betasubunit_[human,_mrna,_2798_nt]
s82024_20-548,_scg10=neuron-specific_growth-associated_protein/stathmin_homolog_[human,_embryo,_mrna
all_s83366_910-
- 20** 2840,_region_centromeric_to_t(12;17)_breakpoint:_orf1/unknown_43_amino_acid_transcrip
u15172_619-967,nip1_(nip1)_mrna,_complete_cds
u56998_1628-2048,putative_serine/threonine_protein_kinase_prk_(prk)_mrna,_complete_cds
u89336exon#30-33_48-
208:in_reversesequence,_22261:not_in_gb_record,_unknown_gene_extracted_fromhla_i
- 25** all_x51602_7115-7680,flt_mrna_for_receptor-related_tyrosine_kinase_
all_x52005_476-969,skeletal_embryonic_myosin_light_chain(mlc1)_mrna_
x62535mrna_1975-2515,mrna_for_diacylglycerol_kinase
all_x89985_1010-1389,mrna_for_bcl7b_protein
x90761mrna_1365-1683,hha2_gene_
- 30** all_x92762_1360-1883,mrna_for_tafazzins_protein

Metagene 310

- hg3319-ht3496_s_at_hg3319-ht3496_split_geneenhancer,_tup1-like
- 35** hg4480-ht4833_at_hg4480-ht4833_collagen_type_vi_alpha_2_n-terminal_domain_
132163_1998-2380,zinc_finger_protein_mrna,_3'_end_
134219exon#7_26-452:not_in_gb_record,retinaldehyde-binding_protein_(cralbp)_gene,_complete_cds_

- m34181_2356-2872,testis-specific_camp-dependent_protein_kinase_catalytic_subunit_(c-beta_isoform)_mr
u17195_1567-2143,a-kinase_anchor_protein_(akap100)_mrna,_complete_cds
u20647_232-736,zinc_finger_protein_(znf151)_mrna,_partial_cds
5 u22815_3771-3923,lar-interacting_protein_1a_mrna,_complete_cds_
u25265_1758-2052,mek5_mrna,_complete_cds_
all_u48405_1076-1650,g_protein_coupled_receptor_ogr1_gene,_complete_cds
u48730_2629-2690,transcription_factor_stat5b_(stat5b)_mrna,_complete_cds.
u79280_795-1359,clone_23575_mrna,_partial_cds
10 u82320_546-1050,unknown_protein_mrna,_partial_cds/gb=u82320_/ntype=ma_
u89717_635-1151,9-cis-retinol_specific_dehydrogenase_mrna,_complete_cds
u89896_1184-1688,casein_kinase_i_gammamrna,_complete_cds
x56654mrna_3221-3641,dsg1_mrna_for_desmoglein_type_1_
all_x96849_49-323,5'_mma_of_pecam-1_molecule/gb=x96849_/ntype=rna_
15
Metagene 159

d78514cds_73-409:in_reversesequence,_511-565,mrna_for_ubiquitin-conjugating_enzyme,_complete_cds
20 m30448mrna_1936-2447,casein_kinase_ii_beta_subunit_mrna,_complete_cds
all_x74794_2662-2906,p1-cdc21_mrna_

Metagene 91

25 d50402_1972-2533,mrna_for_nramp1,_complete_cds_
d64159_2585-2828,mrna
m98399_1688-2165,antigen_cd36_(clone_21)_mrna,_complete_cds
u29343_2203-2731,hyaluronan_receptor_(rhamm)_mrna,_complete_cds
u52960_186-630,rna_polymerase_ii_complex_component_srb7_mrna,_complete_cds_
30 all_x82835_5995-6350,mrna_for_voltage-activated_sodium_channel_

Metagene 81

d78335_242-770,mrna_for_5'-terminal_region_of_umk,_complete_cds_
35 hg2724-ht2820_at_hg2724-ht2820_oncogene_tls/chop,_fusion_activated_
109234_2517-3075,vacuolar_atpase_(isoform_ho68)_mrna,_complete_cds_
all_x02751_1835-2430,n-ras_mrna_and_flanking_regions_

Metagene 394

- d38537_1174-1689,mrna_for_protoporphyrinogen_oxidase,_complete_cds.
d50692_31-469,mrna_for_c-myc_binding_protein,_complete_cds_
d86062_286-862,mrna_for_knp-ib,_complete_cds_
5 107548_886-1390,aminoacylase-1_(acyl1)_mrna,_complete_cds_
148546exon#1-4_54-264:not_in_gb_record,tuberin_(tsc2)_gene_
176517_2497-2977,(clone_cc44)_senilin(ps1;s182)_mrna,_complete_cds
u79252_1026-1530,clone_23679_mrna,_complete_cds
u80040_2167-2647,nuclear_aconitase_mrna,_encoding_mitochondrial_protein,_complete_cds
10 x12492cds_1087-1474:in_reversesequence,_1544-1718,mrna_for_caat-
box_binding_transcription_factor_ctf
x57398mrna_3503-4007,mrna_for_pm5_protein
all_x59766_583-1166,mrna_for_zn-alpha2-glycoprotein
all_x77794_1678-2171,mrna_for_cyclin_g1
15 all_z31695_2159-2592,mrna_for_43_kda_inositol_polyphosphate_5-phosphatase
- Metagene 231
- k02215mrna#2_1510-2026,angiotensinogen_mrna,_complete_cds
20 138969cds_2517-2835:in_reversesequence,_2946-2964,thrombospondin(thbs3)_gene,_complete_cds
all_u33838_62-95,nf-kappa-
b_p65delta3_mrna,_spliced_transcript_lacking_exonsand_7,_partial_cds/gb=u3
u79241_849-1347,clone_23759_mrna,_partial_cds
- 25** Metagene 468
- 107594_3847-4159,transforming_growth_factor-beta_type_iii_receptor_(tgf-
beta)_mrna,_complete_cds_
all_u18422_1719-2254,dp2_(humdp2)_mrna,_complete_cds_
30
- Metagene 292
- l20814_2826-3306,glutamate_receptor(hbgr2)_mrna,_complete_cds_
u79260_1035-1341,clone_23745_mrna,_complete_cds
35
- Metagene 40
- d49487_32-512,mrna_for_obese_gene,_complete_cds
hg2148-ht2218_f_at_hg2148-ht2218_mucin_3,_intestinal_

- hg2239-ht2324_r_at_hg2239-ht2324_potassium_channel_protein_
hg3725-ht3981_s_at_hg3725-ht3981_insulin-like_leydig_hormone_
hg406-ht406_at_hg406-ht406_p97_antigen,_melanoma-specific
hg4113-ht4383_s_at_hg4113-ht4383_olfactory_receptor_or17-201_
- 5** hg4593-ht4998_at_hg4593-ht4998_sodium_channel_
hg960-ht960_at_hg960-ht960_guanine_nucleotide_exchange_factor_
k03498cds#1_2-163,_pol_protein_fromendogenous_retrovirus_herv-
k22_pol_and_envelope_orf_region/gb=k03
110615mrna_502-528,beta_casein_(csn2)_gene,_complete_cds
- 10** 138490mrna_785-1319,adp-ribosylation_factor_mrna,_complete_cds
all_m13485_188-243:in_m13485cds_47:not_in_gb_record,metallothionein_i-b_gene_
all_m55418_2452-2650,amelogenin_(amelx)_gene,_3'_end_of_cds
m84820_1155-1709,retinoid_x_receptor_beta_(rxr-beta)_mrna,_complete_cds
all_m86406_3670-4169,skeletal_muscle_alphaactinin_(actn20_mrna,_complete_cds_
- 15** m92424_1822-2209,p53-associated_mrna,_complete_cds_
s57212_1561-2027,_hmf2c=myocyte_enhancer-
binding_factor[human,_skeletal_muscles,_mrna,_2161_nt]_
s72493_617-
819,_keratin=keratinhomolog_[human,_tracheobronchial_epithelial_cells,_mrna_partial,_976_
- 20** s77893_121-203,_gpsat=glycophorin_sat_[human,_peripheral_bloods,_mrna_partial,_407_nt]
all_s78653_1782-2347,_mrg=mas-related_[human,_genomic,_2416_nt]_
u14577_974-1504,microtubule-associated_protein_1a_(map1a)_mrna,_complete_cds_
u16296_4938-5478,t-
lymphoma_invasion_and_metastasis_inducing_tiam1_protein_(tiam1)_mrna,_complete_cd
- 25** u23852_1523-2066,t-
lymphocyte_specific_protein_tyrosine_kinase_p56lck_(lck)_abberant_mrna,_complete_
all_u28055_2678-3165,hepatocyte_growth_factor-
like_protein_homolog_(dlf15s1a)_mrna,_partial_cds
u40002_3192-3701,hormone-sensitive_lipase_testicular_isoform_mrna,_complete_cds
- 30** u48865cds_400-807:in_reversesequence,_3499,c/ebp_epsilon_(cebpe)_gene,_complete_cds_
u52077cds_428-
982,mariner1_transposase_gene,_complete_consensus_sequence/gb=u52077_/ntype=dna_/annot
u57971_3646-4130,calcium_atpase_isoform_3x/a_mrna,_complete_cds
u59058_8-508,beta-a3/a1_crystallin_(cyrba3/a1)_mrna,_partial_cds_
- 35** u74667_1599-2067,tat_interactive_protein_(tip60)_mrna,_complete_cds
u79275_509-989,clone_23947_mrna,_partial_cds.
u80226_1440-1476,gamma-
aminobutyric_acid_transaminase_mrna,_partial_cds/gb=u80226_/ntype=rna_
u82467_2667-3213,tub_homolog_(tub)_mrna,_complete_cds